Job Title: Senior Data Analyst
Grade: 7
Salary: £34,189 to £39,609 per annum
Department: Diabetes Research Centre
Hours/Contract: Full-time fixed term contract for two years
Reference: 911

Role Purpose
You will work within a collaboration formed between the University of Leicester and Nuffield Health.

You will work to understand and analyse real world data collected across a range of clinical and lifestyle services by Nuffield Health. You will receive supervision and guidance from senior statisticians.

You will take a leading role in methodological development, application of this methodology, and observational research and quality assessment of observational research using real world clinical data collected and held by Nuffield Health.

<table>
<thead>
<tr>
<th>Main Duties and Responsibilities</th>
<th>% Time</th>
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<tbody>
<tr>
<td>To benchmark, collate, clean and extract data held by Nuffield Health</td>
<td>30</td>
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<tr>
<td>To lead on developing processes for harmonising data collected across clinical services</td>
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<tr>
<td>To undertake statistical analysis of real-world data using a variety of different modelling techniques including time series analysis</td>
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<tr>
<td>To collaborate with data analysts and architects within Nuffield Health</td>
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<tr>
<td>To take a lead on writing research papers</td>
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<tr>
<td>To formulate and document quality assessment methods for real-world evidence</td>
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Internal and External Relationships

Regular communication with research team, line manager and Principal Investigator.

Regular meeting with investigators and analysts from Nuffield Health, conducted remotely and face-to-face (travel and accommodation fully funded)

Quarterly steering group meetings.

Communication with other members of the department for critical discussion of research and exchange of new ideas and approaches that might benefit the research.

Planning and Organising

The postholder will be expected to manage their time to plan their research activity.

Qualifications, Knowledge and Experience

Essential
Job Summary

- PhD in relevant area (medical statistics/epidemiology)*
- Evidence of research productivity (including high-quality research publications, presentations)*
- Experience of working with large data sets*
- An understanding of approaches to analysing observational data*
- Good knowledge of statistical programming and data management (Stata/SAS/R)*
- Relevant MSc or equivalent extensive research experience*

Desirable
- Experience/knowledge of contemporary research methods for real world evidence*

Skills, Abilities and Competencies

Essential
- High level of proficiency in English, sufficient to undertake research, teaching and administrative activities utilising English Language materials and to communicate effectively with staff and students*
- Good analytical skills
- Excellent time management skills in order to meet deadlines
- Excellent written and oral communication skills
- Effective planning and organisational skills
- Ability to work independently and also as part of a research team
- Ability to plan, implement and deliver programmes of work

*Criteria to be used in shortlisting candidates for interview

VITAL

The University encourages all staff to live our VITAL values which are: Valuing People, Innovators, Together, Accountable, Leaders.

Equality and Diversity

We believe that equality, diversity and inclusion is integral to a successful modern workplace. By developing and implementing policies and systems that challenge stereotypes across all aspects of our work, we have a culture that recognises and values the diverse contributions of our staff which benefits everyone. Our strong values of inclusivity and equality support our efforts to attract a diverse range of high quality staff and students, and identify our University as a progressive and innovative workplace that mainstreams equality, diversity and inclusion.