Mathematical Modeller
Cardiff, UK, Sutton Coldfield, UK

Website Health Economics and Outcomes Research Ltd

Health Economics and Outcomes Research (HEOR) Ltd is a specialist consultancy undertaking health economic disease modelling and statistical analysis for the global pharmaceutical industry. HEOR's area of expertise is chronic disease modelling and the multivariate analysis of large healthcare databases to support health technology assessment (HTA) and scientific research. Disease areas of specific relevance are oncology, diabetes and infectious disease.

Role and Responsibilities:

HEOR is currently expanding and seeking to recruit highly motivated individuals to join our team at our offices in Cardiff and Sutton Coldfield (Birmingham) to assist in the development and validation of our disease models.

Qualifications/Candidate Requirements:

- Experience of developing discrete event simulation models and Markov models
- Experience of system dynamics modelling
- Excellent Excel skills
- Programming experience (Visual Basic for Applications in particular)
- A graduate qualification in mathematics, physics, statistics or other relevant numerical/statistical discipline.
- Familiarity with multivariate statistical analysis, ideally using R.
- Excellent interpersonal and communication skills.

Main job responsibilities:

The successful candidate will principally undertake the development and validation of health economic disease model. Our disease simulation models are developed primarily in, or interfaced to, Microsoft Excel using VBA/C++ libraries and we require support in the coding, implementation, testing and documentation of these models. We have a team of medical writers, disease modellers and statistical analysts; the successful candidate’s primary role will be to integrate with this team developing efficient and accurate models and documentation.

The role will require client interaction and therefore good written and oral communication skills are essential. There will be opportunities to publish your work in peer-reviewed journals, present at international conferences and develop novel methodological solutions.

Key Benefits:

Competitive salary: GBP £25,000–£45,000 (dependent on experience)
Opportunity to join Company Private Health Insurance scheme
Childcare vouchers
Flexible working environment and highly varied work
Exposure to work on a variety of interesting and innovative scientific studies. The company has clients across the world and this leads to a dynamic and rewarding workplace with a friendly and vibrant work environment.

Please state on your application which location it is that you are applying for.

https://www.statsjobs.com/job/mathematical-modeller/