



Senior Statistician: Health Economic Modelling York Health Economics Consortium

Closing date: Friday 04 September 2020 at 5pm

Interview date: Thursday 17 September 2020





INTRODUCTION

We are looking to recruit a senior statistician to join our expanding Health Economic Modelling (HEM) team to lead and undertake a wide range of data analysis and health economic modelling projects. The successful candidate will also support the NHS and Public Sector team and opportunities also exist to work with members of our information services group on evidence synthesis projects. We are a health economics contract research and consulting company owned by, and based at, the University of York. YHEC provides consultancy and research to a wide range of public and private sector bodies. Our clients include:

- Government bodies, such as the Department of Health
- NICE and the SMC
- Global pharmaceutical manufacturers
- Medical device and biotech companies

YHEC has a team of 48 staff. We hold the Investors in People accreditation with our composite score of 780, against an industry benchmark of 723, putting us in the top 20% of organisations. The Management Team at YHEC actively encourages internal and external training and development. The culture is open and supportive and the work will appeal to those who enjoy a wide range of applied projects, carried out by project teams working closely with clients and colleagues. We are committed to providing an inclusive, flexible and friendly working environment.

Our HEM and NHS teams undertake research to quantify the cost-effectiveness of a range of health technologies (pharmaceuticals, medical devices, public health interventions) for a range of large and small clients within the public, private and charity sectors. We work across a broad range of therapy areas including orphan and ultra-orphan indications developing budget impact models, and undertaking statistical analyses of individual patient-level data in order to parameterise our economic models. We also work closely with our clients in preparing their submission dossiers to agencies such as NICE and we actively look to publish our work in peer-reviewed journals.

In collaboration with the Centre for Health Economics (CHE) we are the Economic and Methodological Unit (EMU) for the NICE Centre for Guidelines (CfG). As part of our work within EMU we produce the economic analyses and associated economic models to NICE specifications to aid the Public Health Advisory Committees in guideline development. We also carry out projects to address methodological issues identified by the CfG.

Our location means that staff have full access to the range of facilities offered by the University of York. Staff are encouraged to engage with other research departments based at the University. The combination of our unique location and the breadth of our research portfolio make YHEC a stimulating environment to work in, providing opportunities to work with a wide range of clients using multiple research methods. The pace of work is fast moving with quick turnaround and will appeal to people who enjoy working on multiple projects. Further details are available at www.yhec.co.uk.

JOB DESCRIPTION & PERSONAL SPECIFICATION

At a glance

Salary	£38,000 to £50,000
Hours of work	37.5 hours a week
Based at	York Science Park

Main Purpose of the Job

The key role of this post is to contribute to the further development of YHEC by identifying opportunities for growth, preparing research proposals and by managing clients and project work. The post will report to the Associate Director, Health Economic Modelling.

Main Duties

The senior statistician will contribute to the performance and profitability of YHEC Ltd in the following areas:

Business Development

- Income generation by identifying opportunities and preparing proposals / tenders for YHEC to carry out projects in health economics and related areas.
- Marketing of YHEC; including attending and presenting at national and international conferences and preparing marketing material.
- Tender / proposal presentations to potential clients.

Project Work / Management

- Lead the design and development of statistical analysis of data from clinical trials and real world / registries.
- Manage projects to deliver work which meets the project objectives within the planned timeframe and budget.
- Expand the range of statistical services offered by YHEC, particularly in the area of evidence synthesis.
- Supervision and training of junior statisticians.

Client Management

- Ensure client expectations are managed from proposal to completion.
- Attend client meetings and maintain good working relationships with all clients.

Presenting / Publishing

- Ensure all opportunities for publishing work are pursued at conferences and within journals.

Personal Specification

We are looking for an individual with a proven track record of designing and developing statistical analyses for economic models as well as project management in medical statistics, health economics and related areas.

Essential qualifications, knowledge, skills and attributes are:

- A post-graduate degree in medical statistics, mathematics, or a related quantitative discipline.
- Detailed knowledge and experience of preparing statistical analyses.
- Experience of working in applied statistics gained either within a consultancy, industry, HTA agency or academic setting.
- Ability to write clear and concise proposals / tenders to generate income.
- Project management skills and experience.
- A high level of attention to detail and accuracy and a commitment to high quality.
- Ability to plan and prioritise own work on multiple projects in order to meet deadlines.
- Ability to communicate new and complex information effectively, both verbally and in writing.
- Experience of writing publications for peer reviewed journals.

Terms of Employment

Posts at YHEC are permanent and subject to regular review of performance. Staff are appointed for a trial period of six months, following which employment will be confirmed, subject to successful performance.

Salary

The salary will be in the range of £38,000 to £50,000 subject to qualifications and experience. There is a profit sharing pay scheme in operation at YHEC. Membership of a defined contribution or defined benefit pension scheme is available subject to eligibility criteria being satisfied.

Annual leave entitlement will be 30 days per year, plus bank holidays.



THE UNIVERSITY

YHEC is a subsidiary company of The University of York and enjoys close links with academic departments. The University of York is a member of the prestigious Russell Group and has established an international reputation for academic excellence. The University of York is one of the most successful research universities in the UK and attracts over £60m a year of funding from research alone. Of 154 universities that took part in the Research Excellence Framework (REF) in 2014, The University of York ranked 14th overall and 10th for the impact of research. The University of York's vision is to be a world leader in the creation of knowledge through fundamental and applied research, the sharing of knowledge by teaching students from varied backgrounds and the application of knowledge for the health, prosperity and well-being of people and society.

Attractive enjoyable workplace: Centred around the picturesque village of Heslington on the edge of the city of York, the University of York and YHEC are set in an attractive landscaped campus. York enjoys a safe, friendly atmosphere with facilities including bars, shops, theatres and concert halls all within easy walking distance. The University has undergone an unprecedented period of expansion and renewal since 2000. The self-contained campus offers a range of facilities including a sports centre, catering outlets, shops, a nursery, a doctor's surgery and banks.

The City of York: Internationally acclaimed for its rich heritage and historic architecture, York's bustling streets are filled with visitors from all over the world. Within its medieval walls you will find the iconic gothic Minster, Clifford's Tower and the Shambles – just a few of the many attractions. But York isn't just a great place to visit – it's also a great place to live and work. While nourishing a vibrant cosmopolitan atmosphere, York still maintains the friendly sense of community unique to a small city. Visit www.visit-york.org for more information on the city of York.

HOW TO APPLY

The closing date for applications is **Friday 04 September 2020 at 5pm**

To apply please send:

1. A letter of application (1 page max)
The letter should include how you meet the requirements of the role.
2. A full CV.
3. Details of two referees (names/position/email address).
We assume that we are free to approach referees at any stage unless you state otherwise. If you wish a referee or referees to be approached only with specific permission and / or if they were you are invited to interview. Please clearly specify this for each referee(s). Your referees should not be related to you and should include your present or most recent employer (or, if you are a student, your education establishment).
4. Please direct all applications to charlotte.anderson@york.ac.uk quoting reference number 2012 Confidential in the subject line. Please confirm in your letter that you are eligible to live and work in the UK as YHEC does not have a sponsorship licence.

Applications for part time will be considered and please note your preference in your letter of application. This post is covered by The Rehabilitation of Offenders Act 1974.

It is anticipated that interviews for the post will be held on **Thursday 17 September 2020** via video conference. Please advise us immediately if this date is likely to be inconvenient for you. Short-listed candidates will be asked to undertake a job-specific test as part of the interview process.

Informal enquiries are encouraged, to Stuart Mealing on 07722 156117 / stuart.mealing@york.ac.uk or Matthew Taylor on 07814 973144 / matthew.taylor@york.ac.uk

