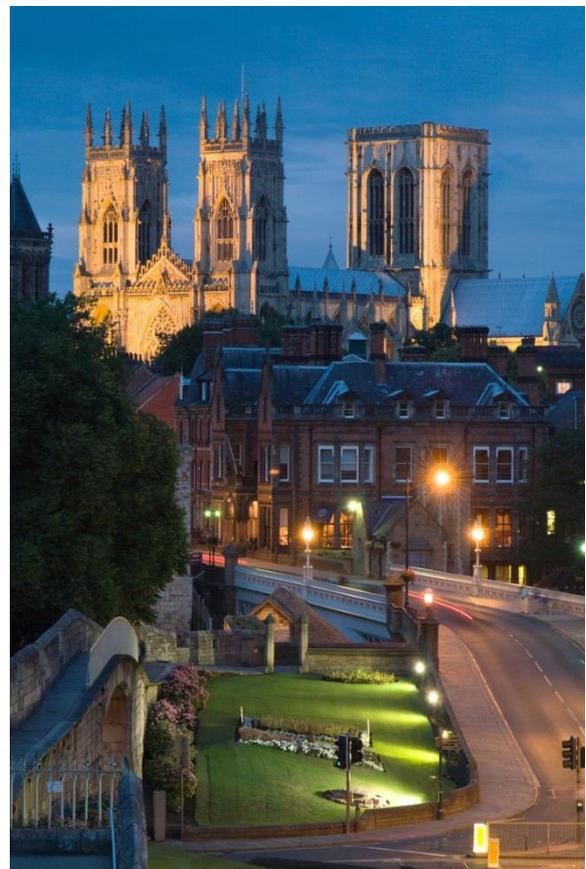


Research Consultant (October start) York Health Economics Consortium

Closing date: Friday 24th June 2022 at 12 noon

Interview date: Friday 8th July 2022





INTRODUCTION

We are looking to recruit two Research Consultants to commence work in October 2022 following completion of an MSc in Health Economics. We are a health economics research and consulting company owned by, and based at, the University of York. We provide consultancy and research to a wide range of public and private sector bodies. The roles have an initial training period to give you the opportunity to transfer your knowledge from your MSc into practical experience. The training modules are based on real world projects and will develop your economic modelling and evaluation skills. You will be assigned a buddy who will provide support as you progress through your training programme and help you adapt to your first professional role.

We have a team of around 60 staff and hold the Investors in People accreditation with our composite score of 765, against an industry benchmark of 726, putting us in the top 20% of organisations. We want staff to enjoy working at YHEC; our office is a friendly place to work and we have an employee wellbeing programme. This is based on suggestions from staff and includes lunchtime walks, sporting activities and charity fundraising events. YHEC staff nominate a charity on an annual basis and undertake fundraising throughout the year. We also have a social committee who organise events on a regular basis; even in the current circumstances we have used Zoom to help conduct these events. We are keen to support voluntary / charitable activities and staff may set aside up to two days per year (in work time) to undertake such activities. Staff at YHEC enjoy our inclusive, flexible and friendly working environment.

During your first year at YHEC you will be involved in projects across three complementary workstreams.

Our NHS and Public Sector consulting workstream has grown in the last five years as clients seek to demonstrate the value of products when real world pressures and incentives are applied. This includes working on complex system evaluations for the NHS and public sector. We have conducted economic analysis of the implementation of Government health policy, local evaluation of the impact of changes in care pathways, and analysis of challenges within the health and social care system, such as the under-diagnosis of particular diseases. Client organisations include NHS England, the Department of Health and Social Care and local NHS and public sector bodies, including Integrated Care Systems.

We are currently seeing an increase in the number of new, innovative, digital health technologies (DHT) and artificial intelligence (AI) health care tools. These new technologies have introduced new challenges in health economics and the methods used to evaluate DHT and AI tools. We are working with a range of organisations including NHSX, Academic Health Science Networks, clinical groups and DHT / AI manufacturers. This creates an exciting opportunity to work on the cutting edge of digital health technology analysis in the UK and to help shape the way DHT and AI technologies are evaluated in the future.

The Public Health and DHT workstream undertakes a number of evaluations of DHTs and AI technologies. DHTs are often of importance on a population and individual patient / clinician level and can influence both the diagnostic and treatment pathways. This means they are of interest to decision makers

at local, regional and national level. There are often evidence challenges associated with these technologies meaning analysts need to be skilled in a variety of modelling approaches including early modelling, decision tree, Markov cohort, Markov Monte Carlo, and patient level simulations. The challenges around evidence and trials can also lead to 'messy' decision problems that require creative solutions to model conceptualisation. This role will provide support to wider teams addressing these challenges.

Our Health Economic Modelling (HEM) workstream undertakes 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.

Our location means that staff have full access to the range of facilities offered by the University of York. We encourage staff to engage with other research departments based at the University. The combination of our unique location and the breadth of our research portfolio makes YHEC a stimulating environment to work in, providing opportunities to work with a wide range of clients using multiple research methods.

We want to help you to further develop your professional career at YHEC and we actively encourage internal and external training and development. Further details of our work are available at www.yhec.co.uk and photos of recent charity events and social activities are on our social media accounts.

JOB DESCRIPTION & PERSONAL SPECIFICATION

At a glance

Salary	£25,000 to £38,000 plus bonus
Hours of work	37.5 hours a week York Science Park
Based at	(Flexible and remote working options in the UK considered).

Main Duties

After completion of your training period your main responsibilities will involve:

- Responsibility for specific elements within larger projects under the supervision of senior staff. The range of research will be wide and include economic modelling, economic assessment of public health interventions, economic assessment of new products to be introduced into the NHS, demand and supply modelling and economic assessment of service redesign.
- Critique economic analyses submitted to HTA bodies, and report directly to those bodies on the strengths and weaknesses of alternative approaches.
- Critically review published economic models to inform the development of *de novo* economic models.
- Undertake data analysis, including, individual patient level data, survival curve fitting and stochastic modelling.
- Carry out quality assurance review of models developed both within the company and for external clients.
- Attend public health advisory committees, meetings with private sector clients, clients' staff and NHS staff.
- Literature reviewing, including identification and retrieval of relevant quantitative data from publications and other sources.
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- Collect, analyse and interpret data.
- Report preparation and presentation to clients.
- Client liaison within a project, with the support and guidance of senior colleagues.
- Contribute to sales and marketing activities within the company.
- Occasionally provide supervision of other staff working on the project team.

The candidate will be expected to work in project teams alongside other research staff and project directors. The successful candidate will report to an Associate Director or Project Director of YHEC.

Essential qualifications, knowledge, skills and attributes are:

- A post-graduate degree in health economics or a related quantitative discipline.
- Knowledge of economic evaluation approaches and techniques.
- Ability to communicate new and complex information effectively, both verbally and in writing.
- A high level of attention to detail and accuracy and a commitment to high quality.
- Ability to plan and prioritise own work in order to meet deadlines.
- Enthusiasm and a commitment to team working.

Candidates may be required, on occasion, to travel for business purposes (e.g. to client meetings or conferences).

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

YHEC is able to offer a competitive salary and has conventional commercial flexibility in annual salary reviews.

Appointment is expected to be made at the lower end of the scale but the range for the post is £25,000 to £38,000. In addition, there is a profit sharing 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 Complete University Guide 2022 shows that overall, the University of York was ranked 18th in the UK, 1st in Yorkshire and the Humber. The University of York is a member of the prestigious Russell Group, who are a dynamic, research-intensive university. They work collaboratively in partnership with institutions across the world to develop life-saving discoveries and new technologies that tackle some of the most pressing global challenges. Their 30+ academic departments undertake ground-breaking research that underpins their inspiring teaching and challenges students to dream big, think critically and change the world. Of 129 universities that took part in the Research Excellence Framework (REF) in 2021, The University of York ranked 10th overall of UK universities for research quality. 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.visitork.org for more information on the city of York.

HOW TO APPLY



York Health Economics Consortium

The closing date for applications is **Friday 24th June 2022 at 12 noon.**

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
Details of two referees (names/position/email address).
3. 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 yhec-recruitment@york.ac.uk quoting reference number 2208 Confidential in the subject line.

Please note: If you are not a British or Irish citizen, from 01 January 2021 you will require permission to work in the UK. This will normally be in the form of a visa but, if you are an EEA/Swiss citizen and resident in the UK before 31 December 2020, this may be your passport or status under the EU Settlement Scheme. **Please can you confirm that you have the required permissions in your covering letter.**

This post is covered by The Rehabilitation of Offenders Act 1974.

It is anticipated that interviews for the post will be held on **Friday 8th July 2022** 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. In addition, if you would like to talk to someone about any adjustments you may need to assist with your application process, please contact Louise Carr by emailing louise.carr@york.ac.uk to arrange a confidential conversation. Informal enquiries are encouraged, to hayden.holmes@york.ac.uk or nick.hex@york.ac.uk.

