



<b>Job title</b>	Senior Health Economist	<b>Job family and level</b>	Research & Teaching, Level 5
<b>School/ Department</b>	School of Medicine, Nottingham Clinical Trials Unit (NCTU)	<b>Location</b>	Nottingham Clinical Trials Unit, University Park

## Purpose of role

The Nottingham Clinical Trials Unit (NCTU) is seeking to recruit an experienced health economist with a strong background in economic evaluation within randomised trials. Experience in health economic modelling is desirable. The role holder will provide methodological leadership in health economics for a programme of studies, including supervising / line managing other researchers.

The appointee will join a team of health economists in NCTU led by Professor Marilyn James, as part of the School of Medicine's continuing commitment to growing health economics at Nottingham. The role holder will work across the School of Medicine and with external research partners on a range of new and existing projects.

NCTU's mission is to conduct high quality, high impact, multicentre trials to improve health and well-being. NCTU is based in the School of Medicine at the University of Nottingham, and has close links with local NHS Trusts (Nottingham University Hospital NHS Trust, Nottinghamshire Healthcare NHS Foundation Trust, and Derby Teaching Hospitals NHS Foundation Trust) the Institute of Mental Health and the School of Health Sciences. The unit is a UK Clinical Research Collaboration registered Clinical Trials Unit (<http://www.ukcrc-ctu.org.uk>).

NCTU has a broad portfolio of trials. Example of trials with a current health economic component include, but will not be confined to orthopaedics, ophthalmology, mental health (adult and child) respiratory medicine and stroke. Other research includes methodological studies to improve the efficiency and quality of trial conduct.

This job description may be subject to revision following discussion with the person appointed and forms part of the contract of employment.

	<b>Main responsibilities</b> (Primary accountabilities and responsibilities expected to fulfil the role)	<b>% time per year</b>
1	<p><b>Research</b></p> <ul style="list-style-type: none"> <li>• Manage, plan and conduct research activity using recognised approaches, methodologies and techniques within health economics and clinical trials.</li> <li>• Resolve problems in meeting research objectives and deadlines in collaboration with others.</li> </ul>	75 %

	<ul style="list-style-type: none"> <li>• Perform economic analyses and design for trials and health economic research and to produce and contribute to production of final reports and papers for publication.</li> <li>• Lead CRF design for health economics data collection in studies.</li> <li>• Prepare and review health economics analysis plans in collaboration with the trial team, Trial Management Group, Data Monitoring Committee and Trial Steering Committee.</li> <li>• Conduct analyses of health economics data for interim and final reports to the Trial Management Group, Trial Steering Committee and Data Monitoring Committee.</li> <li>• Input into the modelling work of the health economics group.</li> <li>• Manage models, to construct, modify and produce outputs from the work undertaken.</li> <li>• Generate income by leading health economics input to research proposals and funding bids.</li> <li>• Collaborate actively with internal and external contacts, nationally and if appropriate international.</li> <li>• Write up research work for publication and/or contribute to the dissemination at national/international conferences, resulting in successful research outputs.</li> </ul>	
2	<p><b>Teaching and Learning</b></p> <ul style="list-style-type: none"> <li>• Develop and deliver learning programmes in health economics research methods for NCTU's short course programme</li> <li>• Attract and (co-)supervise students wishing to study for a higher research degree, including supporting applications for research fellowships</li> </ul>	15 %
3	<p><b>Other responsibilities</b></p> <ul style="list-style-type: none"> <li>• Keep up to date with current methodological research in health economics, and apply new techniques in NCTU trials and other work as appropriate.</li> <li>• Manage and mentor junior health economic colleagues.</li> <li>• Collaborate with colleagues to identify and develop areas of trials methodology research to be conducted within and alongside the unit's portfolio of trials.</li> <li>• Undertake other academic activities such as paper/grant refereeing and external membership of data monitoring and trial steering committees.</li> <li>• Contribute to recruitment of research and support staff, including development of job specifications and selection of applicants.</li> <li>• Contribute to costing and budgeting in support of grant applications for new research or extensions to existing research projects.</li> <li>• Contribute to preparation, review and implementation of Standard Operating Procedures and associated documents and provision of relevant training to NCTU staff.</li> <li>• We recognise the importance of continuous professional development and therefore the importance of providing opportunities, structured support and encouragement to engage in professional development each year.</li> </ul>	10%

## Person specification

	Essential	Desirable
<b>Skills</b>	<ul style="list-style-type: none"> <li>• Excellent oral/written communication skills</li> <li>• Excellent ability to analyse and illuminate data, interpret reports, evaluate and critique texts and bring new insights.</li> <li>• Excellent organisational skills</li> <li>• Ability to work both independently and as part of a multidisciplinary team.</li> <li>• Ability to work with minimal supervision (where appropriate)</li> <li>• Excellent attention to detail</li> <li>• Excellent time management skills</li> <li>• Excellent quantitative and statistical skills</li> <li>• Advanced skills in using STATA for health economic data analysis</li> <li>• Ability to construct health economic models using excel</li> <li>• Understanding and application of outcome measurement in health economic studies</li> <li>• Training and skills in the application of health economics to randomised controlled trials</li> </ul>	<ul style="list-style-type: none"> <li>• Experience of developing approaches in outcome measurement in economic evaluation</li> <li>• Ability to devise, advise on and manage learning and research programs</li> <li>• Knowledge of the latest health economic research methods</li> <li>• Knowledge of NIHR research funding streams</li> </ul>
<b>Knowledge and experience</b>	<ul style="list-style-type: none"> <li>• Evidence of considerable practical involvement in the design, planning, conduct, analysis and reporting of health economic evaluations within randomised clinical trials.</li> <li>• Experience in economic modelling</li> <li>• Experience of supervising / line managing other staff.</li> <li>• A track record of peer reviewed publications.</li> </ul>	<ul style="list-style-type: none"> <li>• Previous success in gaining support for externally funded research projects.</li> <li>• Experience of developing new approaches, models, techniques or methods in health economics. Experience of developing and delivering teaching of health economics</li> </ul>
<b>Qualifications, certification and training (relevant to role)</b>	<ul style="list-style-type: none"> <li>• PhD in Health Economics <b>or</b> equivalent employment experience in health economics</li> </ul>	<ul style="list-style-type: none"> <li>• Membership of a professional body such as HESG.</li> <li>• MSc in Health Economics</li> </ul>
<b>Other</b>	<ul style="list-style-type: none"> <li>• Willingness to adopt the vision and values of the School of Medicine.</li> </ul>	



The University of Nottingham is focused on embedding equality, diversity and inclusion in all that we do. As part of this, we welcome a diverse population to join our work force and therefore encourage applicants from all communities, particularly those with protected characteristics under the Equality Act 2010.

The School of Medicine holds a Silver Athena SWAN award in recognition of our achievements in promoting and advancing these principles. Please see

<http://www.nottingham.ac.uk/medicine/about/athena-swan.aspx>

## Expectations and behaviours

The University has developed a clear set of core expectations and behaviours that our people should be demonstrating in their work, and as ambassadors of the University's strategy, vision and values. The following are essential to the role:

- Valuing people** Understands that it is essential to provide a structure that people can thrive in. Knows how to communicate with people to create a healthy working environment and get the best out of people.
- Taking ownership** Communicates vision clearly, providing direction and focus. Knows how to create a productive environment where people are inspired and can work cross-departmentally in partnership.
- Forward thinking** Has the ambition to be a pioneer in own area, anticipating the future change, needs and challenges. Knows how to innovate within their work context and champions others to be inspired to be part of this ambition.
- Professional pride** Keeps up to date on latest thinking, trends and work practices. Supports team to be thought leaders; willing to challenge if obstacles get in the way.
- Always inclusive** Establishes far reaching partnerships, well beyond own area across a broad range of networks. Understand role to pay due regard to the needs of the whole community.

## Key relationships with others

