

Job Profile

Job Description

Job Details		
Job Title:	Health Economist/Analyst	
School/Dept/Institute & Centre:	SMD Blizard Centre for Primary Care and Public Health	
Reports to:	Chair in Health Economics	
Grade:	Grade 5 Research	Full Time Part Time ($\geq 80\%$ FTE) could be considered
Appointment period:	2 years in the first instance	
Current Location:	Whitechapel	

Job Context

The School of Medicine and Dentistry (SMD) is a significant constituent of Queen Mary University of London. It is organised into 6 separate Institutes, of which the Blizard Institute is the largest, with personnel of c550, financial turnover of c£60 million per annum; and research expenditure of over c£20 million per annum. The Institute is organised into 6 separate Centres, which though complementary and following the Institute strategic plan, also have Centre-specific objectives and requirements.

The post will be based within the Centre for Primary Care and Public Health (henceforth the 'Centre') in the Blizard Institute <http://www.qmul.ac.uk/blizard/research/centres/centre-for-primary-care-and-public-health/>, shortly to become Barts Institute of Population Health Sciences. The Centre brings together some of the UK's leading researchers, practitioners and educators in general practice, clinical trials, biostatistics, health economics and public health and has established strong collaborations, with the aim of delivering world-leading research and education to inform and support local, national and international population health policy. The Centre includes the Pragmatic Clinical Trials Unit (PCTU), which is at the forefront of research of effectiveness of interventions under real-life conditions and has a strong portfolio of methodological and applied research related to cluster randomised trials and complex interventions.

The post-holder will work with the Chair of Health Economics, and will join a growing team of health economists and analysts studying the economic aspects of health and disease, the costs and benefits of prevention and treatment, and the contribution and implications for health systems and health policy.

Job Purpose

We are looking for a health economist/analyst with strong quantitative skills to contribute to a research project developing cardiovascular disease models using large population studies (e.g. UK Biobank) and clinical trials data to inform use of statins to prevent cardiovascular disease in different categories of people. The project will involve applied and methodological research in the area of disease modelling and economic evaluation of health interventions. The post holder will collaborate with researchers at the University of Oxford and other collaborators on the project. Contribution to further evaluative work could also be considered. *A good working knowledge of the statistical package R is required for this post.*

Main Duties & Responsibilities

- Provide appropriate contributions to study protocols, data access applications, and project reports and outputs.
- Develop and conduct data analyses, including developing appropriate databases and keep accurate records in line with standard operating procedures and Data Protection Act
- Actively engage and work jointly with other health economists/researchers on the project to make significant contributions and pursue applied and methodological health research.
- Develop ideas and seek (collaborative or individual) funding to support research in health economics in the longer term
- Disseminate research findings and generate and contribute to high quality publications.
- Submit proposals to funding bodies (including research councils, government departments, public and private sector collaborators) for the financial support of research.
- Manage and monitor research grants, resources and budgets as appropriate.
- Assist with training, supervision and general specialist advice for less experienced staff and student members of the Centre.
- Contribute to undergraduate/ graduate teaching in health economics and academic supervision at the School of Medicine and Dentistry.
- Comply with relevant Queen Mary University of London policies and regulations with regard to financial matters, harassment, equal opportunities, public interest disclosure, health and safety, intellectual property and patenting, data protection or any other rules, regulations or codes binding on the member of staff.

The above list of responsibilities is not exhaustive and the jobholder may be required to undertake other duties commensurate with the level of the role, as reasonably requested by their line manager.

This job description sets out the duties of the post at the time it was drawn up. Such duties may vary from time to time without changing the general character of the duties or level of the responsibility entailed. Such variations are a common occurrence and cannot in themselves justify a reconsideration of the grading of the post.

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Person Specification

This table lists the essential and desirable requirements needed in order to perform the job effectively. Candidates will be shortlisted based on the extent to which they meet these requirements.

	Requirements	Essential / Desirable	How Assessed
Qualifications	1. Postgraduate qualification in (health) economics, statistics, mathematics or other relevant subject: PhD/DPhil or pending imminent completion of such a degree (or MSc plus relevant experience)	E	A
	2. Undergraduate degree in relevant subject (e.g. (health) economics , statistics, mathematics)	E	A
Knowledge, Skills and Experience	3. Good analytical and quantitative (econometrics, statistics) skills	E	A,I
	4. Experience of applied/methodological health research	E	A,I
	5. In depth knowledge and experience of working with the statistical package R	E	A,I,O
	6. Knowledge and experience of working with other code-based statistical package/s (eg, Stata or SAS)	D	A,I
	7. Experience of research using health care databases, observational or cohort studies	E	A,I
	8. Experience of decision modelling/operation research	D	A,I
	9. Knowledge of health economics methods including economic evaluation	D	A,I
	10. Experience of systematic literature searching, review and/or meta-analysis	D	A,I
	11. Experience of disseminating research at conferences, seminars and/or research meetings	D	A,I
	12. Evidence of peer reviewed and other publications	E	A
	13. Experience with developing research grant applications	D	A,I
	14. Effective team working within a multidisciplinary context	E	A,I
	15. Knowledge of the organisation, operation and health and healthcare data flows in the National Health Service	D	A,I
	16. Experience of teaching	D	A,I
	17. Ability to organise and prioritise own work and organise research within project and other relevant timetables	E	A,I
	18. Excellent oral and written communication skills	E	A,I, O
	19. Motivated to learn and develop further	E	A,I
	20. Flexible and co-operative attitude	E	I
	21. Able to undertake occasional work-related travel	E	A,I

Job Profile Person Specification

Essential/Desirable:

E = Essential: Requirements without which the job could not be done.

D = Desirable: Requirements that would enable the candidate to perform the job well.

How Assessed:

A = Application

I = Interview

OM = Other Means (e.g. presentation, test, etc.)