

Job Profile

Job Description

Job Details		
Job Title:	Health Economist	
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 (≥80% FTE) could be considered
Appointment period:	2.5 years in the first instance	
Current Location:	Whitechapel	

Job Context

Based in Whitechapel in the heart of London's East End, the Blizard Institute, Queen Mary University of London is the largest institute of Barts and The London School of Medicine and Dentistry and delivers excellence in all aspects of research, teaching and clinical service. 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 Professor Borislava Mihaylova, the Chair of Health Economics, and will join a growing team of health economists 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 an experienced health economist to contribute to an existing portfolio of research and teaching and to develop new applied and methodological research questions in the area of economic evaluation of health interventions, disease modelling and outcome measurement and valuation to inform health care decisions that lead to improvements in population health. The post holder will collaborate with PCTU and Centre's researchers and collaborators in the assessment of value of health interventions with focus on their cost-effectiveness and wider societal and policy considerations using evidence from clinical studies, population cohorts, routine healthcare data and other sources. This will include contributing to and initiating research proposals; developing/conducting studies emanating from

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successful proposals; broader methodological and strategic activities in collaboration with health economists and other researchers; research dissemination; and relevant training activities.

Main Duties & Responsibilities

1. Provide appropriate health economic contributions to study proposals, protocols, ethics applications, and project reports within the PCTU and the Centre. This includes a small amount of work for the east London arm of Research Design Service London, which is closely affiliated with the PCTU.
2. Develop health economic studies, conduct health economics analyses, develop economic data collection strategies and instruments, maintain appropriate databases and keep accurate records in line with standard operating procedures and Data Protection Act
3. Actively engage and work jointly with health economists and other researchers in the PCTU and the Centre to make significant contributions and pursue applied and methodological health economics research.
4. Develop ideas and seek (collaborative or individual) funding to support research in health economics in the longer term
5. Disseminate research findings and generate and contribute to high quality publications, contributing to the next Research Excellence Framework (REF).
6. Submit proposals to funding bodies (including research councils, government departments, public and private sector collaborators) for the financial support of research.
7. Manage and monitor research grants, resources and budgets as appropriate.
8. Assist with training, supervision and general specialist advice for less experienced staff and student members of PCTU and the Centre.
9. Contribute to undergraduate/ graduate teaching in health economics and academic supervision at the School of Medicine and Dentistry, particularly courses run by the PCTU and the Centre.
10. Comply with relevant College 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.
11. Participate in the College Appraisal Scheme, demonstrate a commitment to continuing professional development and engage in activities associated with personal and professional development.
12. These duties will be subject to review in line with the changing requirements of the School or College, and with the development needs of the post-holder as identified through regular review/ appraisal processes.

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 reasonable 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.

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
Qualifications	1. Postgraduate qualification in health economics or relevant subject (PhD/DPhil or pending imminent completion of such a degree)	E
	2. Undergraduate degree in relevant subject or equivalent experience	E
Knowledge, Skills and Experience	3. In-depth knowledge of health economics including economic evaluation methods	E
	4. Good analytical and quantitative (econometrics, statistics) skills	E
	5. Experience of applied/methodological health economics research	E
	6. Knowledge and experience of working with code-based statistical package/s (eg, Stata or R)	E
	7. Experience of developing primary health economics studies (study design, development of data collection instruments and methods, study analysis and write-up)	D
	8. Experience of research using health care databases, observational or cohort studies	D
	9. Experience of economic/decision modelling	D
	10. Experience of systematic literature searching, review and/or meta-analysis	D
	11. Experience of disseminating research at conferences, seminars and/or research meetings	E
	12. Evidence of peer reviewed and other publications	E
	13. Evidence for high-quality peer reviewed publications	D
	14. Experience with developing research grant applications	D
	15. Experience of communicating health economics advice and analyses to non-specialists	E
	16. Effective team working within a multidisciplinary context	E
	17. Knowledge of National Health Service	D
	18. Experience of teaching health economics or related subjects	D
	19. Ability to organise and prioritise own work and organise research within project and other relevant timetables	E
	20. Excellent oral and written communication skills in English	E
	21. Motivated to learn and develop further	E
	22. Flexible and co-operative attitude	E
	23. Responsible and dependable	E

Requirements	Essential / Desirable
24. Able to undertake occasional work-related travel	E

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

D – Desirable: Requirements that would enable the candidate to perform the

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sources. This will include contributing to and initiating research proposals; developing/conducting studies emanating from successful proposals; broader methodological and strategic activities in collaboration with health economists and other researchers; research dissemination; and relevant training activities.

Main Duties & Responsibilities

1. Provide appropriate health economic contributions to study proposals, protocols, ethics applications, and project reports within the PCTU and the Centre. This includes a small amount of work for the east London arm of Research Design Service London, which is closely affiliated with the PCTU.
2. Develop health economic studies, conduct health economics analyses, develop economic data collection strategies and instruments, maintain appropriate databases and keep accurate records in line with standard operating procedures and Data Protection Act.
3. Actively engage and work jointly with health economists and other researchers in the PCTU and the Centre to make significant contributions and pursue applied and methodological health economics research. Play a part in developing national and international research links.
4. Develop ideas and seek (collaborative or individual) funding to support research in health economics in the longer term.
5. Disseminate research findings and generate and contribute to high quality publications, contributing to the next Research Excellence Framework (REF).
6. Submit proposals to funding bodies (including research councils, government departments, public and private sector collaborators) for the financial support of research.
7. Manage and monitor research grants, resources and budgets as appropriate.
8. Assist with training, supervision and general specialist advice for less experienced staff and student members of PCTU and the Centre.
9. Contribute to undergraduate/ graduate teaching in health economics and academic supervision at the School of Medicine and Dentistry, particularly courses run by the PCTU and the Centre.
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	25. Undergraduate degree in relevant subject or equivalent experience	E
Knowledge, Skills and Experience	26. In-depth knowledge of health economics including economic evaluation methods	E
	27. Good analytical and quantitative (econometrics, statistics) skills	E
	28. Experience of applied/methodological health economics research	E
	29. Knowledge and substantial experience of working with code-based statistical package/s (eg, Stata or R)	E
	30. Experience of developing primary health economics studies (study design, development of data collection instruments and methods, study analysis and write-up)	E
	31. Experience of research using health care databases, observational or cohort studies	D
	32. Experience of economic/decision modelling	E
	33. Experience of systematic literature searching, review and/or meta-analysis	D
	34. Experience of disseminating research at conferences, seminars and/or research meetings	E
	35. Evidence of peer reviewed and other publications	E
	36. Evidence of first author and/or high quality peer reviewed publications	E
	37. Experience with developing research grant applications	D
	38. Experience of communicating health economics advice and analyses to non-specialists	E
	39. Effective team working within a multidisciplinary context	E
	40. Knowledge of National Health Service	E
	41. Experience of teaching health economics or related subjects	D
	42. Ability to organise and prioritise own work and organise research within project and other relevant timetables	E
	43. Excellent oral and written communication skills in English	E
	44. Motivated to learn and develop further	E
	45. Flexible and co-operative attitude	E

Job Profile Person Specification

Requirements		Essential / Desirable
	46. Able to undertake occasional work-related travel	E

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

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

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