

Quote ref: MHS/91542

Internal ref: SH/HB

THE UNIVERSITY OF MANCHESTER
PARTICULARS OF APPOINTMENT
FACULTY OF MEDICAL AND HUMAN SCIENCES

Health Methodology Research Group
Health Economics Group
and
National Institute for Health Research (NIHR)

Research Associate in Health Econometrics (1 FTE)
(Ref: MHS/91542)

- 1 The University invites applications for the above post which is tenable for a period of 3.5 years in the first instance.
- 2 Salary will be within the range £28,839 - £35,469 per annum according to relevant experience. The University of Manchester will implement a new pay and grading structure in line with the national framework agreement, therefore all grades and salaries are currently under review and may change.
- 3 Informal enquiries may be made to: Linda Davies, Professor of Health Economics, Linda.m.davies@manchester.ac.uk
- 4 Applications should be returned by 4 December 2009 to

Professor Linda Davies
University of Manchester
Room 1.315 University Place
Oxford Road
Manchester, M13 9PL
Email: Linda.m.davies@manchester.ac.uk

- 5 The University does not acknowledge applications or contact all unsuccessful applicants. If you have not been contacted within four weeks of the closing date you should assume that, on this occasion, your application has not been successful. We would, however, like to take this opportunity to thank you for your interest in The University of Manchester.

WITH THE COMPLIMENTS OF THE DIRECTORATE OF HUMAN RESOURCES

PARTICULARS OF APPOINTMENT

Research Associate in Health Economics (REF: MHS/91542)

THE UNIVERSITY OF MANCHESTER

The University, centrally located within the largest student campus in Europe, is one of the foremost universities in the UK. It has an annual turnover of nearly £500 million, a staff of over 9,000 and a student population of some 30,000, of whom a quarter will be postgraduates. There are outstanding libraries, excellent computing facilities and supports a museum, an art gallery and a theatre. Manchester is a metropolitan area of three million inhabitants surrounded by some of the most pleasant country in England. Communications are excellent, with a major international airport close to the city centre and rail connections to all parts of the UK. Housing is relatively inexpensive, schools are good and daily travel is straightforward. For general information about the University and The Faculty of Medical and Human Sciences please refer to The University of Manchester's Home Page: www.manchester.ac.uk

The Faculty Of Medical And Human Sciences

The Faculty of Medical and Human Sciences is a major force within the University, with approaching 6,200 full and part time students registered on undergraduate and postgraduate level programmes. It has 1,600 staff and an annual budget of £84 million. The Faculty comprises of nine Schools, each of which operate semi-autonomously within the Faculty.

Health Economics

There are 9 health economists (including three professors: Stephen Birch, Linda Davies and Matt Sutton), based within the Health Methodology Research Group in Community Based Medicine. The work of the team is focused on two main themes:

- *Supply and Organisation of health care*
- *Valuation and Evaluation of health care programmes*

Under the *Supply and Organisation* theme, current topics include:

- workforce planning and determinants of labour supply
- equity in healthcare and geographical resource allocation
- incentives and provider performance.

These topics are analysed through the development and application of econometric techniques, use of administrative and survey data and evaluation of healthcare reforms.

Under the *Valuation and Evaluation* theme, research focuses on:

- measurement and valuation of preferences for benefits of healthcare
- variations in, and determinants of, healthcare costs and benefits.

Under this theme, the emphasis is on causal analysis of complex interventions and complex needs and on less-regulated (mainly 'diagnostic') services.

The health economics team are involved in collaborative research with several local, regional, national and international partners and hold grants from a wide range of research funding bodies.

The Collaboration for Leadership in Applied Health Research and Care

The Collaboration for Leadership in Applied Health Research and Care (CLAHRC) is a new initiative conceived and sponsored by the NIHR. The CLAHRC is an innovative collaboration between 19 NHS primary and secondary care Trusts and the University of Manchester. It has responsibility for conducting high quality applied NHS research and ensuring that it is implemented to enhance patient benefit in the NHS across Greater Manchester.

The key aim of the CLAHRC is to improve the health of the people of Greater Manchester, by improving the quality of care in the NHS (safety, effectiveness, efficiency, patient-centeredness, timeliness and equity), through the application of world class research for patient benefit. The CLARHC has four research themes: People with Long Term Conditions; Health Care Practitioners; Health Care Services; and Health Information Systems.

Health Care Practitioners

The Practitioner Theme is co-led by Professor Linda Gask, Chris Dickens and Christine Bundy. This Programme will develop and test new approaches to managing the emotional consequences of vascular disease (heart and diabetes), with emergent models tailored to the needs of disadvantaged patient groups and ethnic minorities.

Health Care Services

The Services Theme is led by Professor Kinta Beaver. The Health Care Services theme will develop and test new models of access to specialist care that support patient self-management, tailored to the needs of disadvantaged patient groups.

Job Details

This Research Associate position will be located within the Health Methodology Research Group, which forms part of the School of Community Based Medicine.

The position is funded as part of two research themes in a large National Institute for Health Research (NIHR) funded initiative, the Collaboration for Leadership in Applied Health Research and Care (CLARHC): the Health Services theme led by Professor Kinta Beaver and the Health Care Practitioner theme co-led by Dr. Chris Dickens.

The postholder will report to Professor Linda Davies. Additional supervision will be provided by Professors Kinta Beaver and Dr. Chris Dickens.

Key purpose of this post

The key purposes of this post will be to

- Design and analyse economic evaluations of trials to test new interventions, and,
- Design and analyse stated preference surveys to understand the preferences of service users and stakeholders for different intervention models.

Job Description

You will work as part of a multidisciplinary team on each project. The responsibilities of this post will include

- Gather, review and synthesize research literature
- Assisting in the design of economic evaluations integrated into clinical trials
- Develop economic data collection instruments and stated preference surveys
- Economic data analysis
- With support from senior staff, produce high quality publications
- Present findings at leading academic meetings in health economics and health services research
- Engage positively in multi-disciplinary team meetings and CLAHRC activities

Person Specification

Essential Criteria

- Good first degree (or equivalent) in economics or other relevant subject with a substantial quantitative element
- Post graduate qualification (or equivalent) in health economics or experience of applied economic research in health care
- Understanding of applied econometrics
- Good interpersonal communication skills
- Ability to work independently and collaboratively as part of a team
- Good organisational skills and ability to multi-task
- Clear oral and written presentation skills
- Good time-management and organisational skills
- Able to work effectively as part of a team

Desirable Criteria

- Experience in economic evaluation of new health care interventions
- Experience of preference elicitation techniques
- Knowledge of the UK healthcare system
- Experience with health data