CANDIDATE BRIEF

Senior Research Fellow (Grade 8) or Associate Professor (Grade 9) in Evidence Synthesis and Decision Modelling for Health Technology Assessment

Salary:

Grade 8 (£51,753 - £59,966)

Grade 9 (£61,759 - £73,708)

Reference: MHIHS1439

Closing date: 31/12/25

We are happy to consider job share applications and are committed to flexible working for all our employees.

Senior Research Fellow (Grade 8) or Associate Professor (Grade 9) in Evidence Synthesis and Decision Modelling

Faculty of Medicine and Health, School of Medicine, Leeds Institute of Health Sciences, Academic Unit of Health Economics

Do you want to use your evidence synthesis and decision modelling skills to have an impact on health care decision making and policy?

An opportunity has arisen to appoint an experienced researcher to lead on economic evaluations of healthcare technologies. This post is part of the University's long term commitment to international excellence in applied and methodological health economics research and to the on-going support of health economics expertise and capability. We are looking for an individual with proven experience in leading applied research using evidence synthesis techniques (including indirect treatment comparisons, matching-adjusted indirect comparisons and network meta-analyses) and decision modelling techniques (decision tree, partitioned survival and Markov models) for health technology assessment (HTA).

Academic Unit of Health Economics (AUHE)

The Academic Unit of Health Economics (AUHE) was established in 2007 as part of the Leeds Institute of Health Sciences (LIHS) within the School of Medicine at the University of Leeds.

We have a wide portfolio of over 70 applied and methodological research projects funded by the NIHR, research councils, charitable organisations and industry. We also deliver an extensive teaching programme, including for undergraduate medical students, undergraduate economics students at Leeds University Business School as well as courses for various health professionals. Additionally, we have a thriving community of PhD and MRes students.

Our team consists of around 25 researchers with expertise including economic evaluation, distributional cost-effectiveness analysis, decision modelling, simulation and capacity modelling, discrete choice experiments, applied health econometrics, observational data analysis, systematic review and evidence synthesis.

We engage with policy makers, clinicians, clinical scientists, basic scientists, patient groups and other applied health researchers. Our research is multidisciplinary and based on strong collaborations across Leeds, other UK institutions, and internationally. See here for more details: https://medicinehealth.leeds.ac.uk/health-economics
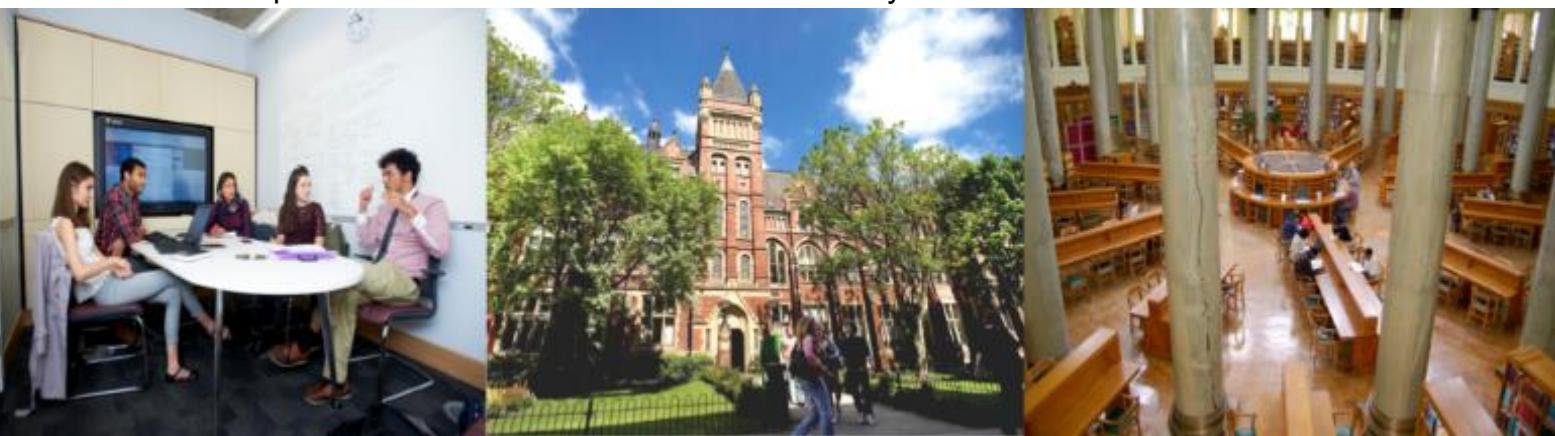
What does the role entail?:

As a Senior Research Fellow or Associate Professor your main duties will include:

- Leading and contributing to systematic reviews and advanced evidence synthesis research, including indirect treatment comparisons (ITCs), network meta-analysis (NMA), and matching-adjusted indirect comparisons (MAICs);
- Designing and implementing decision-analytic models (e.g. partitioned survival models, Markov models)
- Attracting research income on an individual and collaborative basis, as appropriate to the discipline, to underpin high quality research activity
- Undertaking data analyses;
- Developing grant proposals;
- Collaborating with multidisciplinary teams (clinicians, statisticians, policy analysts, patients and public)
- Preparing reports and manuscripts for publication in peer reviewed journals;
- Managing and leading projects;
- Supervising and mentoring early career health economists and researchers
- Providing leadership in research and contributing to management & administration
- Promoting the integration of health economics research with other research interests within the Institute as well as across the Faculty of Medicine and Health.
- Undertaking research-led teaching at different levels
- Supervising MSc and PhD students

In addition to this, as an Associate Professor, your duties will include:

- Promoting the further development of our portfolio of health technology assessment research in collaboration with commercial and academic partners;
- Providing strategic leadership and contributing to the academic development of the discipline within the Institute and wider University

- Providing academic leadership, including leading research groups, shaping strategic priorities, and developing international collaborations
- Developing and implementing a 5 year research plan, including capacity building within the Unit

These duties provide a framework for the roles and should not be regarded as a definitive list. Other reasonable duties may be required consistent with the grade of the post.

What will you bring to the role?

As a Senior Research Fellow (G8) you will have:

- A PhD in economics, health economics, epidemiology, statistics or related discipline **or** an MSc (in a related discipline) **and** evidence of substantial research experience
- Demonstrated expertise in evidence synthesis methods (systematic reviews, ITCs, NMAs, MAICs)
- Demonstrated expertise in decision modelling (partitioned survival, Markov models, and related approaches)
- Expertise in relevant software to conduct evidence synthesis and decision modelling (e.g. Excel/VBA, R, Stata, WinBUGS, Simul8, RevMan)
- A proven ability to attract research funding with a track-record of high-quality peer-reviewed journal publications

As an Associate Professor (G9) you will have:

- A PhD in economics, health economics, epidemiology, statistics or related discipline with an international reputation for your expertise in evidence synthesis methods (systematic reviews, ITCs, NMAs, MAICs) and decision modelling (partitioned survival, Markov models, and related approaches)
- A proven ability to attract research funding and a coherent 5 year research plan
- Peer-reviewed publications that are internationally excellent in terms of originality, significance and rigour
- Expertise in relevant software to conduct and supervise evidence synthesis and decision modelling (e.g. Excel/VBA, R, Stata, WinBUGS, Simul8, RevMan)

- A track-record of academic leadership of health economics or statistical research

Key attributes for both roles:

- Ability to lead, motivate and inspire others, working as part of a team and co-operating with others
- Ability to develop and engage in multi-disciplinary collaboration with researchers from different disciplines
- Effective interpersonal and organisational skills with the ability to prioritise work and maintain a high level of accuracy
- Effective communication, facilitation and presentation skills
- Ability to facilitate the career development of less experienced colleagues in research, teaching and administration
- Problem solving and negotiation skills
- Aptitude for and attainment in teaching and learning with experience of supervising postgraduate research students
- Ability to provide leadership in the planning and development of modules, programmes, and short-courses within the fields of health economics **and/or** evidence synthesis
- Willingness to undertake appropriate training and administration
- Commitment to own continuing professional development

How to apply

You can apply for this role online; by attaching a supporting statement making reference to the role you are applying for and addressing the appropriate criteria.   more guidance can be found on our [How to Apply](#) information page. Applications should be submitted by **23.59** (UK time) on the advertised closing date.

Contact information

To explore the post further or for any queries you may have, please contact:

Professor David Meads; email: D.Meads@leeds.ac.uk

Additional information

Find out more about the [Faculty of Medicine and Health](#)

Find out more about our [Leeds Institute of Health Sciences](#)

Find out more about [Athena Swan](#) in the Faculty.

Working at Leeds
Find out more about the benefits of working at the University and what it is like to live and work in the Leeds area on our [Working at Leeds](#) information page.

Candidates with disabilities
Information for candidates with disabilities, impairments or health conditions, including requesting alternative formats, can be found on our [Accessibility](#) information page or by getting in touch with us at [disclosure@leeds.ac.uk.](mailto:disclosure@leeds.ac.uk)

Criminal record information

Rehabilitation of Offenders Act 1974

A criminal record check is not required for this position. However, all applicants will be required to declare if they have any 'unspent' criminal offences, including those pending.

Any offer of appointment will be in accordance with our Criminal Records policy. You can find out more about required checks and declarations in our [Criminal Records](#) information page.