



Senate

Paper Title	Centre for Clinical Effectiveness and Health Data Science, Institute of Population Health Sciences (IPHS), School of Medicine and Dentistry (SMD)
Outcome requested	Senate is asked to approve a new Centre for Clinical Effectiveness and Health Data Science within the IPHS.
Points for Senate members to note and further information	<p>The Centre incorporates Clinical Effectiveness Group (CEG) research and service-associated staff, and health data science researchers working on externally-funded programmes and projects. The CEG and Health Data Science group is of a comparable size to other Centres in SMD and is one of the largest single research groupings in the IPHS. It is on an upward trajectory of success in grants, research and innovation.</p> <p>The Centre will:</p> <ul style="list-style-type: none"> • Achieve better visibility for health data science • Highlight the excellence of health data science research • maintain and extend its reputation for excellence in translational research and quality improvement • enable the group to be represented and to contribute effectively to the new IPHS
Questions for Senate to consider	n/a
Regulatory/statutory reference points	n/a
Strategy and risk	Research and reputation
Reporting/consideration route for the paper	Senate to approve.
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Sponsor	Professor Steve Thornton, VP Health

Centre for Clinical Effectiveness and Health Data Science, Institute of Population Health Sciences (IPHS), School of Medicine and Dentistry (SMD)

Action requested

We request Senate **approval** for a new Centre for Clinical Effectiveness and Health Data Science within the IPHS.

This proposal for a new Centre has been approved by the IPHS Executive and the SMD Executive Board.

The Centre incorporates Clinical Effectiveness Group (CEG) research and service-associated staff, and health data science researchers working on funded programmes (including Barts Charity-funded REAL Health and precision medicine programmes, HDRUK, MRC and CRUK- funded health data science programmes and projects, fellowships (including UKRI Rutherford), and the new Wellcome Trust-funded PhD programme – Health Data in Practice).

This CEG and Health Data Science group is of a comparable size to other Centres in IPHS and across SMD, with around 45 staff currently. It is one of the largest single research groupings in the IPHS. It is on an upward trajectory of success in grants, research and innovation, as indicated by recent grant and other income, and reflected in its leadership in the Discovery Programme and OneLondon, as well as in securing recent successful awards for the Barts Life Sciences precision medicine initiative (Barts Charity), and for the Wellcome Trust PhD programme (the first to be held at QMUL).

Rationale

A Centre for Clinical Effectiveness and Health Data Science will cement the identity of this group within the new Institute and

1) achieve better visibility for health data science at IPHS

- for external audiences, including funders (as for example in recent bid to NIHR School of Primary Care Research), external stakeholders and collaborators nationally and internationally, and policy-makers
- for SMD Institutes and QMUL Schools as evident through its leadership in: HDRUK, Wellcome PhD programme (first at QMUL), and its significant roles in SMD & QMUL supported initiatives including Barts Life Sciences, Alan Turing/Institute of Applied Data Sciences, and East London Genes and Health.

2) highlight the excellence of the health data science research environment at IPHS to

- attract, recruit and retain high quality applicants for academic, research and other posts
- attract and achieve success in fellowship applications
- compete with other London centres for doctoral PhD students in health data science

3) maintain and extend its reputation for excellence in translational research and quality improvement among

- North East London primary care networks, NHS providers, commissioners and public health
- London academic health science networks/centres including UCLP
- NHS providers in other London STPs

4) enable the group to be represented and to contribute effectively to the new IPHS

Other considerations

- No additional resources are required as administrators are funded through 3 year rolling contract from commissioners, and HDRUK/Barts Charity funds.
- Additional funding has been obtained from Barts Charity to appoint a Centre research manager (3 years in first instance).
- This proposal is supported by the Centre staff.