

**Name & email supervisor(s):**

John Ford

**Length and dates of internship:**

4 weeks. July to September 2024

**Host department:**

Centre for Primary Care and Public Health, Queen Mary University of London

**How will the internship be conducted:**

- In person at the university
- Virtual/ from home
- Both are possible, depending on preference of student

Minimum of 2 days per week in the office with the other 3 days either working remotely or in the office

**Title internship project:**

**Using machine-learning living evidence maps of what works to address inequalities in primary care to produce an evidence brief**

**Summary of the internship project:** *(max 250 words, can include hyperlinks to further information)*

We have decades of research describing the problem of inequalities, but considerably less examining what to do about them.

We have recently established the [Health Equity Evidence Centre](#), which uses machine learning software to create [living evidence maps](#) of what works to address inequalities in primary care. In turn, we use these living evidence maps to create evidence briefs aimed at GPs, Primary Care Networks, Integrated Care Boards, and NHS England.

This internship would involve exploring our living evidence maps, identifying a topic of interest to the student (e.g., mental health, cardiovascular disease, screening), and writing an evidence brief (see [examples on the website](#)). The evidence brief would then be published on the website and shared across the NHS.

There would also be an opportunity to turn the evidence brief into a peer-reviewed publication and conference presentations.

This internship would be a good fit for anyone interested in understanding how machine learning can help us navigate large bodies of literature, who would like to develop evidence synthesis skills, and who would like to learn more about health inequalities.

The student would be part of a wider team. Our team days are Mondays and Tuesdays, and we would expect the student to be in the office for those two days as a minimum

**Learning objectives:**

- Understand the use of machine learning to navigate the published literature
- Develop evidence synthesis skills
- Learn more about how to address inequalities, particularly in primary care

**Any further information:**