Global Environmental Health Research Group, School of Public Health, Imperial College London

February 2024 – PhD studentship opportunities

Research area: Data analytics for global health and global environmental health.

We welcome applications for a funded 3.5 PhD studentship to start in February or October 2024 (start date will be discussed with the successful candidate). This is an exciting opportunity for ambitious students to conduct interdisciplinary research on global health and global environmental health with emphasis on the applications of cutting-edge methods in statistics, machine learning and other areas of data science and mathematical modelling.

The PhD research will apply novel methods to traditional and emerging data, and characterise health and its social and environmental determinants, at scales from local to global.

The studentship will be based in the Global Environmental Health Research Group ([www.globalenvhealth.org](http://www.globalenvhealth.org)) at Imperial’s School of Public Health, which was ranked as the UK's top programme according to the 2021 Research Excellence Framework. The group is internationally renowned for its research on novel health and environmental data. The group is highly interdisciplinary and the students will interact regularly with peers that have diverse backgrounds and specialisations There are also regular interactions with other parts of Imperial (e.g., Department of Mathematics and Faculty of Engineering), other leading global universities and national and international policy organisations.

Applicants should have, or expect to receive, a first or upper second class degree or equivalent in mathematics/applied mathematics, physics, engineering, economics or related discipline, and have exceptional quantitative/computational preparation. Knowledge of epidemiology and/or environmental science is also desirable.

The research group is part of the MRC Centre for Environment and Health ([www.environment-health.ac.uk](http://www.environment-health.ac.uk)); the Centre has an established training programme for early career researchers, which provides bespoke training and development, pastoral care, and extensive opportunities for networking and collaboration.

The Studentship will include tuition fees for UK nationals and an approximate stipend of £18,662 plus London Weighting per annum. This studentship is only available to UK candidates who are eligible for ‘Home’ tuition fees.

The closing date for application is 30th September 2023. Please download the **application** **form** and send it to global.env.health@imperial.ac.uk together **with a CV.**

Interviews for shortlisted candidates will take place in October-November 2023.