Requirements

Medical statistician with PHD/doctorate in a health/public health/population health related topic; desirable to have professor level equivalent expertise.

I was the Chief Medical Statistician at ONS from 1999 to 2006, responsible for pall ONS health outputs and providing statistical advice to CMO. Since 2008, I have provided statistical input and advice to the reviews conducted by Sir Michael Marmot. My full CV is attached.

Expertise in the measurement of inequalities in health and social determinants of health, with extensive expertise in analysing trends and interpreting trends in mortality and drawing comparisons with other countries.

I was jointly responsible for developing the analysis of inequalities in health using the ONS Longitudinal Study in the 1970s, publishing papers on inequalities using social class, non-occupational classifications and area classifications in the 1970s and 1980s. In 1985-9 I was co-director of the Medical Research Council research programme "Mortality Differentials and their impact" at City University. In the report “Fair Society, healthy Lives”, for the Secretary of State for Health, I undertook an analysis of trends in the health inequality targets. I subsequently led the statistical work on two reviews of health inequalities across Europe – one for the EU and one for WHO European Region (WHO Euro). I am a member of the WHO Euro Scientific Advisory Group on Drivers of Health Equity, which advises on health monitoring across the region.

Demonstrable experience in leading, developing and advising on research methodology and protocols in relation to public health products, tools, reviews and reports.

While at the Department of Health I was responsible for leading the development of the Public Health Common Dataset which was supplied to DsPH to support them in writing reports and commissioning. As Chief Medical Statistician at ONS I provided advice on methodologies used in ONS published statistics and reports. As an advisor to PHE, I have provided advice on methodologies to monitor excess deaths and review methods for summarising inequalities in health within areas.

Demonstrable experience in reporting health inequalities, health inequity and disparity.

Since 1978 I have written or contributed to over 70 papers and reports on health inequalities, including a recent review of inequalities since the 2010 report “Fair Society, Healthy Lives” and around 10 papers on various aspects of inequalities in COVID-19 outcomes.

Demonstrable experience in reviewing and advising on public health, epidemiology and surveillance tools and reports particularly in relation to methodology and presentation.

I have been contracted to provide advice to PHE on these topics since 2019. During the Strategic Review leading up to the report “Fair Society, Healthy Lives”, I chaired the working group reviewing monitoring of health inequalities and their social determinants and drafted the relevant text presenting what became known as the “Marmot Indicators”. I also provided advice on the development of the social determinants domain of the PHOF. I have provided similar advice/peer review internationally for WHO HQ and regional offices, national governments and individual cities (including most recently Greater Manchester).

Demonstrable experience in health and public health statistics and health intelligence development at national, local and small area level.

As Chief Medical Statistician at ONS, overseeing the development of and providing public health statistics was central to my role. This included the small area data on life expectancy and teenage pregnancy, which were key intelligence for those implementing Government targets at the time.

Previous, evidenced, experience of delivering the same or similar types of work and advice will be required.

I have been contracted to provide advice to PHE on these topics since 2019.

Previous experience of working on analysis and data related to health inequalities and non-communicable disease surveillance for leading academic institutions, organisations, groups or reviews.

Since 1978 I have written or contributed to over 70 papers and reports on health inequalities, including a recent review of inequalities since the 2010 report “Fair Society, Healthy Lives” and around 10 papers on various aspects of inequalities in COVID-19 outcomes. Since 2008, I have provided statistical input and advice to the reviews conducted by Sir Michael Marmot.

**Costs**

The overall contract value will be a maximum of £30,000 (excluding VAT). A detailed breakdown of costs is required, which will need to demonstrate value for money.

My time is charged through UCL Consulting. They charge £850/day plus VAT for senior consultant time, which includes all overheads, contract management fees and any administrative support costs. Therefore £30K would cover 35 days of my time.