

# Q-Step Summer Project 2017: Wellcome Trust

**Ref:** #46 UoMQStep 2017 Wellcome Trust Science & Medical Research

**Team/Department:** Insight and Analysis

**Address:** 215 Euston Road, London NW1 2BE, UK

**Provisional Title for Project:** "Exploration of the Wellcome Monitor Datasets"

## **100 word abstract of what the project would probably undertake, and any data to be used:**

Since 2009, Wellcome has run the Monitor, a triennial cross sectional survey of UK views towards science and medical research. The findings are in SPSS and ultimately we'd like to create an interactive dashboard which would visualise trends and other patterns within the data. We'd like a student to help set this up. This is an opportunity to develop their analytical skills through interrogating the data and thinking of the best ways to represent it visually. The findings are divided into 2 datasets, the adult survey (2009-12-15) and young persons (2009-12).

**Key Words (up to 12):** Science, Medical Research, Science Education, Public Engagement, Data Sharing, Trust, Vaccinations, Antibiotic Resistance, Health, Food & Drink, Genomics

**Essential and desirable skills that the student would need to have:**

**Essential:** SPSS analytical skills including the ability to do regression analysis

Cluster and factor analysis

**Desirable:** Multi-level modelling  
Discriminant Analysis  
Tableau or other skills with data visualisation software

**Preferred selection method:** Interview

**Support and training offered by the organisation:**

Introduction to the dataset.

**Any issues of data confidentiality and/or IPR that would need to be resolved:**

None, data access would be restricted to these dataset which don't contain personally identifiable data and are publicly available

**Supporting Information:** N/A

**Financial assistance offered by the organisation:** TBC

