Ref #05: UoMQStep 2020 Home Office – Econometric Analysis of Drug Use & Acquisitive Crime

The Home Office are particularly interested in receiving applications from BAME students for this role, although applications from all students are welcome if the application criteria is met.

Organisation Profile

Home Office

Crime and Policing Analysis Unit

5th Floor, 2 Marsham Street, London SW1 4PF

Selection Method

Written CV & cover letter followed by an interview with the Home Office team via phone.

Application Criteria

Essential
Good understanding of standard quantitative analytical methods and econometric regression modelling, both practical and theoretical.
Desirable
To deliver on this program the candidate would preferably have an existing skill set in quantitative programs such as Stata, SPSS, Excel and QGIS.

Supporting Information

- The successful applicant will need to be security cleared.
- All travel and expenses will be covered should it be necessary to attend a meeting away from the office.

Project Outline

This post is based in the Crime and Policing Analysis (CPA) unit. CPA is responsible for providing statistics, research and analysis on all areas of crime and policing. The unit consists of around 60 staff who provide analytical support – statistics, economics, social and operational research – to the Home Office Crime, Policing and Fire Group. The unit covers a wide range of high-profile subject areas including police resources, substance abuse, crime patterns, domestic abuse, and violence. Current CPA research themes include building the evidence base on serious violence and improving our understanding of the demands on the police. CPA is part of Home Office Analysis and Insight (HOAI).

The objective of this specific piece of work is to explore the relationship between drug use and acquisitive crimes, such as theft and robbery. Previous Home Office analysis has indicated that around 45% of all acquisitive crime is committed by regular heroin and crack cocaine users, so this project will explore how changes in heroin/crack use have affected the volume of acquisitive crime, across different areas and over time. This will be a heavily quantitative focused project, utilising a range of drug use and crime data, and making use of econometric modelling techniques.

The successful applicant will take a lead role in this project, with the final product intended to be a standard quantitative academic research paper.

Key Words

Drugs   Alcohol   Research

Quantitative   Crime   Econometric   Review

Economics   Forecasting   Modelling

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