Q-Step Summer Project 2017:

College of Policing

Ref: #35 UoMQStep 2017 College of Policing

Team/Department: Organisational Development and International Standards

Address: 10th Floor Riverside House, 2a Southwark Bridge Road, London, SE1 9HA

Provisional Title for Project: "What Works in Gamification of E-Learning: An Evaluation of Immersive Training"

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

The College of Policing is undertaking a trial to test the impact of gamification of e-learning using Body Worn Video (BWV) training with the Metropolitan Police Service. The immersive training involves a scenario where an officer must use their BWV knowledge to investigate the crime, interacting with locations and characters. There are a number of data sources being used on the BWV training evaluation – these include; a knowledge retention test, officer surveys, and perhaps the BWV usage database, as well as HR data. The data analysis will mainly be a simple comparison of means, but there will be opportunity to do hierarchical models.

Key Words (up to 12): Body Worn Video, Gamification, Data Analysis, Randomised Controlled Trial, Immersive, E-Learning, Criminal Justice

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Q-Step

A step-change in
quantitative social
science skills

Funded by the
Nuffield Foundation,
ESRC and HEFCE

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

Essential: Data analysis skills
Report writing skills
Good communication skills and an ability to present data clearly

Desirable: T-Test and perhaps logistic regression
Interest in digital technology
Training and criminal justice system

Preferred selection method: Interview

Support and training offered by the organisation:

Guidance for the data analysis required will be given from those who undertook the analysis initially. Other development activity will be possible once at the College to suit the candidate.

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

No – the candidate if appropriate would be named as a co-author of any work published. The successful candidate will have to pass security clearance in order to work with the data and in College offices – requiring 3 years residency in the UK.

Supporting Information:

http://whatworks.college.police.uk/Research/Research-Map/Pages/ResearchProject.aspx?projectid=522

Financial assistance offered by the organisation: Travel and Expenses