Tien-Li Kuo

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Personal Profile

- Quantitative and qualitative research skills, policy evaluation and experience of working with large datasets developed through MSc, PhD programmes and funded research projects
- Self-motivated and independent learning ability to gain good commands of database experience, programming and visualisation skills using software including Stata, R, SPSS, Python, ArcGIS, Tableau, etc.
- Communication, writing and influencing skills, and project management skills developed through conference/lecture presentations, paper publications and funded research projects

Employment History

Nov 2021 -	**Research Assistant**, *Developing and validating risk prediction model for missing persons (Home Office funded)*, responsible for cleaning, manipulating and analysing a large dataset of police recorded missing incidents.
Dec 2018 - Feb 2021	**Postgraduate Teaching Assistant**, responsible for tutorials, assistant teaching and assignment marking for modules involving statistics, policing and crime prevention
Feb - Apr 2020	**Research Assistant**, College of Policing, *What works in Crime Reduction Toolkit*, responsible for coding, moderating and writing narratives of the systematic reviews on the effectiveness of crime prevention schemes, targeted at non-professional audiences
Jun - Sep 2018	**Research Assistant**, *Patterns of drug use in Hsinchu, Taiwan (Taiwan government funded)*, responsible for data cleaning, data analysis and report writing
2007 - 2016	**Inspector, National Police Agency**, responsible for combating human trafficking and illegal activities of migrant workers, investigating police misconduct, organising peace preservation schemes, anti-terrorist drills, international police cooperation, police-community cooperation projects and CCTV system for crime prevention and control

Skills & Experience

Big data & Quantitative & Qualitative skills	PhD thesis using large (crime) survey and administrative datasets and advanced statistical analyses; MSc conducting interviews and surveys and receiving distinctions in all quantitative and research design related modules; funded projects involving advanced statistical analysis and policy effectiveness evaluations
Software & Statistics & Data visualisation	Experience and knowledge of Stata, R, Python, SPSS, NVivo, ArcGIS, CrimeStat, and Tableau developed through PhD study
Communication & interpersonal skills	Gained through police work; through funded projects involving multidisciplinary research teams and deliveries of scheme outcomes to non-technical audiences and policymakers; through publication collaborations and conference presentations for both academic and professional audiences
Task management & Organisational skills	Gained through studying PhD, assistant-teaching, submitting papers and managing multiple funded research projects simultaneously; through event organising and student consultancy for a student accommodation; through former police career involving management duties, introduction of ISO9002 to police headquarter, managing logistics for large-scale events/conferences in Taiwan

Conference/Paper

2021 (pending)	*"Repeat and Near Repeat Burglary Victimization in Taiwan"* provisionally accepted for publication by the Asian Journal of Criminology, subject to revisions
2020	*"Patterns of Cybercrime Victimisation in Taiwan: Applying a Routine-lifestyle Perspective"* paper accepted in the 2020 Stockholm Criminology Symposium (presentation cancelled due to the Covid pandemic)
2019	"*What makes someone vulnerable to cybercrime? Examining patterns of cybercrime victimisation in Taiwan*" accepted in the 2019 EUROCRIM, Ghent, Belgium
2019	"*Patterns and predictors of victimisation in Taiwan*" presented in the British Society of Criminology Conference, Kent, UK
2018	*"Patterns and Predictors of Victimization in Taiwan"* presented in the American Society of Criminology 74th Annual Meeting, Atlanta, US
2018	*"The East Asian crime drop?"* Co-author with A. Sidebottom, T. Mori, J. Li, G. Farrell, Crime Science an Interdisciplinary Journal, 7(6)

Education

Sep 2017 - present	PhD Security and Crime Science, Faculty of Engineering, University College London, quantitative research using multiple large datasets
Sep 2016 - Sep 2017	MSc Crime Science, University College London, mixed methods applied and credited as an excellent dissertation by the Department