Dr Haitao Shi

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EDUCATION AND QUALIFICATIONS

09/2016—04/2023   **PhD in Sociology**
University of Edinburgh (UoE)

Thesis: *Drug Policing in China: Drug Laws, Police Culture, and Police Professionalisation*

Module: Research Skills in the Social Sciences (Mark: 70)

10/2013—11/2014   **MSc Criminal Justice Policy (Merit)**
London School of Economics and Political Science (LSE)

Dissertation Project (Mark: 64): *Analysing the Impacts of Prison Architecture on Offenders and Their Rehabilitation.*

Modules included:

- *Criminal Justice Policy*
- *Policing and Police Power*
- *Illegal Drugs and Their Control*
- *Globalisation, Gender and Development: Policy and Practices*
- *Qualitative Research Methods*

09/2009—07/2013   **Bachelor of Laws (90.5/100)**
East China University of Political Science and Law (ECUPL)

Modules (69 in total) included:

- *Criminology*
- *All kinds of Laws*
- *Criminal Sociology*
- *Criminal Psychology*
- *Theory and Practice of Correction*
- *Crime Control Technology*

RESEARCH COMPETENCIES (My GitHub)

- Quantitative Research Methods: **R (RStudio/VS Code), Python (PyCharm), SPSS, MAXQDA**
- Qualitative Research Methods: **Nvivo, RQDA, ATLAS.ti, MAXQDA**
- Database: **MySQL, Redis**
- Version control: **Git**
- Data visualisation: **Gephi, R, QGIS**
- Cloud computing: **Microsoft Azure, ORACLE, AWS**
- Writing, editing and visualisation: **Notion, Obsidian+Excalidraw, Scrivener, LaTeX, Quarto**

WORKING EXPERIENCE

Research Assistant for Professor Angus Bancroft   *06/2023-now*

- *Using MAXQDA and R to analyse and visualise the data from darknet websites*
- *Developing R Shiny Apps for Drug Research Network Scotland*
- *Conducting the project investigating the experiences and challenges that Chinese students face in Edinburgh Universities*

Web Crawler Engineer (Kazimierz Wielki University in Bydgoszcz)   *07/2023-12/2023*

- *Using Python and R to scrape all data, both overt and covert, from websites including Dopek and Cebulka (darkweb platforms), and Hyperreal, and organising it in a tidy format suitable for machine learning applications.*

Mentor of the Postgraduate/Peer Support Leader (UoE)   *09/2018-09/2019*

- *Teaching students how to do data analysis and literature reviews effectively*
- *Creating WeChat groups for students to share information and help each other*

International Drug Policy Consortium (Internship)   *09/2014-11/2014*

- *Updating the ICPD website and writing brief introductions of IDPC news and publications*
- *Freeing colleagues to perform repetitive and time-consuming tasks by providing technical support*
- *Launching a new social media tool in Chinese*
- *Researching drug policy in the Caribbean*
- *Supporting IDPC in identifying new donors*

ACHIEVEMENTS AND AWARDS

- <u>2023</u> *Microsoft Certified: Azure Fundamentals and Azure AI Fundamentals (Funded by Microsoft)*
- <u>2023</u> *Path Analysis with Interactions and Indirect Effects in R (Funded by Instats)*
- <u>2022</u> *R Statistics Essential Training/Statistics Foundations 1 and 2 (LinkedIn Learning Certificate)*
- <u>2021</u>   *Data Science: Machine Learning Certificate from HarvardX with full marks (Funded by The Macquarie Group Scholarship)*
- <u>2019</u> *Understanding and Policing Gangs Conference (Funded by Cumberland Lodge)*
- <u>2016—2023</u> *Three times PGR Research Support Fund (Funded by University of Edinburgh)*
- <u>2013</u> *Shanghai Outstanding Graduates*
- <u>2010—2012</u> *Three times Excellent Student and First Scholarship of ECUPL*
- <u>2011</u>   *Prize for Excellence of 4th 'UN Asia Crime Prevention Foundation', College of Criminal Justice Students Academic Innovation Contest*
- <u>2011</u> *National Scholarship of China*

RELEVANT TRAINING RECEIVED

- R for criminologists (European Society of Criminology, Ghent University)
- Mapping crime data in R (UK Data Service)
- Write Thesis with LaTeX and Overleaf (Digital Scholarship Centre, UoE)
- ChatGPT Prompt Engineering for Developers (OpenAI)
- Week-long SPSS training for PhD students and staff (UoE)
- Sentiment Analysis and Text Analysis using R (Text Analysis Research Group, UoE)
- R for Social Scientists (Edinburgh Parallel Computing Centre, UoE)

PUBLICATIONS AND CONFERENCES

- H, Shi. (2024). The generational conflicts of police culture under the professionalisation of drug policing in China, *Policing and Society* (Submitted)
- H, Shi. (2023). The Impacts of Guanxi: Drug Policing Under Police Professionalisation in China. *Sociological Research Online*, 0(0).
- H, Shi. (2022). Policing & Policing Culture in China (Scottish Institute for Policing Research Postgraduate Symposium)
- H, Shi. (2021). The Generational Cultural Conflicts and Integration of Police Culture Under the Professionalisation of Anti-Drug Policing in China (European Society of Criminology Annual Conference)
- H, Shi. (2019). The Numbers Game: Quota-Driven Drug Policing in China (European Society of Criminology Annual Conference)
- H, Shi. (2019). Community-Based Drug Rehabilitation Under the 'People's War on Drugs' in China (Fifth International Law Enforcement and Public Health Conference)
- H, Shi. (2018). Book review: Measuring Police Subcultural Perceptions: A Study of Frontline Police Officers in China. *Criminology & Criminal Justice*, 18(1), 132-134.
- H, Shi. (2017). Challenges in Researching Anti-Drug Police in China (New Directions Conference)