

Research Objectives

The research of PROBable Futures focuses on the use of Probabilistic AI in Law Enforcement and the delivery of an 'operational-ready' blueprint of an evidence-based, contextually informed and future-oriented framework for responsible AI in law enforcement. Visit <https://probablefutures.rai.ac.uk/> for more information and research project updates.

Partner and Advisory Board Engagement: Our external advisory board first met in November 2024. *Membership includes*

Dr Rick Muir – <i>Board Chair</i> Director of the Police Foundation	Dr Sacha Babuta Director CETaS (The Alan Turing Institute)
Dr Rafaela Granja University of Minho (Portugal)	Ellen Lefley Senior Lawyer, JUSTICE
Louise Hooper Human Rights and Migration Barrister	Ian O’Gara Microsoft
Prof Derek McAuley Professor of Digital Economy, University of Nottingham	Corinne Russell Data Ethics Lead, Chief Data Office, Police Scotland
Chief Justice Brian Preston Court of New South Wales	Christophe Prince Director of Data and Identity, the UK Home Office

EDI, RRI and Research Ethics

PROBable Futures has finalised an **EDI Policy Document** ([read](#)) and an **RRI Policy & Action Plan** ([read](#)). Research ethics applications have been submitted at Northumbria and Northampton Universities (approval received at Northampton).

Recruitment

5x PDRA’s are set to complete an experienced interdisciplinary research team: Dr Jennifer Dunkwu: University of Northampton, social impact (in post); Dr Maciej Zuziak: Northumbria University, CS (Joining in January 2025); Dr Evdokia Taka: Glasgow University, CS (Joining in January 2025); Dr Temi Lawal: Northumbria University, Law (Joining in January 2025); Dr Angela Paul: Northumbria University, Law (Joining in February 2025); Additional CIS PDRA: Northumbria University (Joining tbc early 2025). PhD studentships at Northumbria associated with the project will soon join the team.

Policy Engagement to Date and Related Publications

- **Responsible AI in Policing Checklist and Case-Studies:** Developed in collaboration with the NPCC AI Portfolio and circulated to police forces
- **Two Consultation Responses Submitted by PROBable Futures:**
 - **HMICFRS Consultation on Proposed policing inspection programme and framework response** ([read](#))
 - **College of Policing Data Ethics and Data-Driven Technologies APP Consultation** ([read](#))
- **Ethical review to support Responsible Artificial Intelligence (AI) in policing:** Research report supported by BRAID, the findings of which will be built upon in PROBable Futures ([read](#))

Upcoming Events: PROBable Futures is running two collaborative events scheduled for early 2025:

- **AI for intelligence, investigations and public protection:** Monday 20th January 2025

- **Joint PROBable Futures/CETaS/ATI workshop on AI-enabled crime:** Wednesday 12th March 2025

Communications & Presence: A PROBable Futures logo has been created which is placed on our website and materials.

Conference Attendance and Engagement

The team have engaged with multiple UK and International conferences reinforcing and guiding the wider academic and practice community of the importance of ‘Responsible’ integration of AI into UK law enforcement across all chain stages.

- **McCartney:** Invited attendee at OPSCA workshop: ‘Developing a Science & Technology Profession for Policing’, 9th October 2024;

- **Tiarks:** Invited speaker ‘AI and sentencing: a practice perspective’ at the ‘International Conference on Artificial Intelligence and Criminal Law’ organised by the University of Bergamo and the European Research Group On Artificial Intelligence (ERGO) AI, Bergamo, Italy; 25th-26th October 2024

- **Oswald and Kotsoglou:** Invited speakers ‘What role can data ethics oversight play in mitigating the risk of a Probabilistic AI chain reaction in law enforcement?’ at the Information Law and Policy Centre Annual Conference 21-22 November 2024;

- **McCartney:** Invited contributor at ‘Expert Network on Predictive Policing Workshop’, London, 27th November 2024;

- **Oswald:** Invited speaker ‘Progress of Implementation of AI in Policing, Benefits, and Future Plans’ at TechUK’s AI, Skills and Procurement event, 9th December 2024;

- **McCartney:** Invited speaker at ‘AI, Policing and Ethics’ Liverpool, 11th December 2024;

- **Tiarks:** Invited speaker at ‘Algorithms in the Justice System’ London, 17th – 18th December 2024;