# THE EVIDENCE BRIEF

**EVIDENCE BASED POLICING CENTRE**

Welcome to the third and final edition of **The Evidence Brief** for 2022, an opportunity for the Evidence Based Policing Centre to keep you updated with everything happening nationally and internationally in the world of Police Science.

In this edition we meet the KAI Team and the Behaviours Science Aotearoa Team. We also get to congratulate those who got awards at the EBP All Staff day in November.

You will also be able to read about Sophie Curtis-Ham from the Performance and Insights Research team who has won a Postgraduate Student Aware for 2022, for the PhD research for the method known as GP-SMART.

The Publications page has really good recently released reports on various topics within New Zealand, however there is also some interesting reading on what is happening internationally.

Finally we can showcase the Tactical Response Model: Evaluation Report.

## What's New?
### 2022 Resilience Symposium: In Awe of Space and will take place December 14-15

**Hosted by Columbia University, Department of Psychiatry**

**REGISTRATION IS FREE**
Your curiosity brought you here. Stay and register for this 2-day event to learn about the awe-inspiring work of current and former NASA employees as well as other space experts.

**Innovation. Curiosity. Resilience. Teamwork. Awe.**

These terms are all synonymous with space experts at NASA and beyond. For the 2022 edition of the Resilience Symposium, we are bringing in space experts and sharing their knowledge with you.

Be intrigued by what they say and importantly let their words motivate you to enhance the resilience you already have in you.

Everyone deserves to have positive mental health and that certainly includes you.

Deputy Commissioner, Tania Kura is an Expert Panellist on Day 2



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**Edition 3**

**December 2022**

Want the latest research and literature about 'what works' in policing?

Visit the EBPC Portal:
Ebp.police.govt.nz

**NEW ZEALAND POLICE** Ngā Pirihimana o Aotearoa

**E/S/R** Science for Communities

**THE UNIVERSITY OF WAIKATO** Te Whare Wānanga o Waikato

**vodafone**

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# People – EBPC Teams

In each issue we will profile several EBPC teams and team leaders



**Data Science**
*Hamish Hull*

**Director**
*Simon Williams*

**Research Insights & Performance**
*Dr Jess Dent*
- Performance
- Research Insights

**Implementation & Evaluation**
*Inspector Simon Welsh*
- Checkpoint
- Evaluation
- Knowledge & Information Services
- Network Leads
- Service Design

**Partnership Development**
*Priya Devendran*

**Delivery & Improvements**
*Inspector Karen Smith*

## *Data Science—Data Reporting Team*

*Who is in the Data Reporting Team:*

‣ Obert (Justo) Cinco-Data Reporting Manager
‣ Richard Ung-Insights Analyst

*What do the Data Team :*

- Respond timely to Official Information Act (OIA) requests, Parliamentary Questions (PQs) and internal data requests
- Produce the Annual Homicide Victims Report
- Monthly report for the Ministry of Justice regarding people entering the system for serious harm offences and repeat offenders
- Annual Report data requests

*Contact:*
Obert: Justo.Cinco@police.govt.nz
Richard: Richard.Ung@police.govt.nz

## *KAI (Knowledge & Information) Team*
*The KAI Team are*

‣ Joanne Rusk—Senior Knowledge and Information Advisor
‣ Dianne Gutchlag—Knowledge and Information Advisor
‣ Melissa Osborne — Knowledge and Information Advisor

New Zealand Police Knowledge & Information Services (KAI) provides Library services to all of NZ Police from their base at the Royal New Zealand Police College.

The KAI team can carry out literature searches and locate information for you on a wide range of topics.

Whether you want just a few pithy articles to read, or a full blown literature search, they can help.

They can keep you up to date with the latest research and news in your areas of interest.

- Hot Topic Alerts
- KaiLights Roundup Alert
- JournalTOCS

If they can't access an item from their own resources, they can usually obtain it from another library. They have partnerships with library networks here and overseas that include the justice sector, police and emergency services.

Contact the KAI Team: library@police.govt.nz,
ph: 04 2383130

**Any questions?**
**Connect with the EBPC Team via EBP@police.govt.nz**

# Publications
Recently released EBPC reports

## Police Uses of Force in the USA: a Wealth of Theories and a Lack of Evidence.

**McLean, K., Stoughton, S.W., & Alpert, G.A. (2022)**

*Cambridge journal of evidence-based policing, 1 August 2022*

Research Question: How adequate is research in the USA for discovering best policies and practices, and best implementation strategies, for reducing loss of life and injury from police use of force.

Data: This analysis examines police agency policies on the use of force regulation, evaluations of training initiatives, research on supervision, problem officers, and other dimensions of the issues and possible solutions. Methods: The analysis examines both documented correlates and the strength of causal inference about those correlates of reductions in the use of force.

Findings: The analysis concludes that while many promising ideas have been offered, there are few tested strategies that have demonstrated substantial effects in reducing the use of force. There are virtually no successful strategies that have been replicated.

Conclusions: The current proliferation of untested programs may divert effort from a coherent and well-funded program of research to test and select effective policies that are urgently needed.

## Evidence-based policing for crime prevention in England and Wales: perception and use by new police recruits

**Rogers, C., Pepper, I.K., & Skilling, L. (2022)**

*Crime prevention and community safety, 24: 328-341.*
Evidence-based policing is an integral part of the police approach to crime prevention work being closely associated with the problem solving approach as developed by Goldstein (Problem-oriented policing, McGraw-Hill, New York, 1990) This research explores the effect of the new initial police entry programmes, co-delivered in partnerships between higher education and police forces, on the application of evidence-based policing (EBP) in the workplace. It also considers the impact of team leaders and supervisors on this adoption. The study utilised a survey of new student police constables undergoing the new higher education qualifications programme from five different police forces in England and Wales. Findings suggest that EBP appears to be applied in the workplace, and that the combination of higher education and work-based practice will continue to influence the adoption of EBP by new police constables. In particular is the role of police leaders in this aspect. This in turn may embed it into practice despite any cultural resistance, thus enhancing the crime prevention role of the police.

**Want to collaborate with the EBPC?**
Priya Devendran, Partnerships Manager
would love to hear from you!
priya.devendran@police.govt.nz

## Embedding Evidence-Based Policing (EBP): A UK case study exploring organisational challenges

**Selby-Fell, H, & Newton, A. (2022)**

*The Police Journal, Published online: 31 October 2022*

This paper explores organisational challenges of embedding 'Evidence-Based Policing' (EBP) using a mixed methods design sampled across a range of ranks/roles, in a case study UK police force. Key organisational constraints identified include limited awareness of/access to research evidence, lack of resources, capability concerns, and challenges related to organisational culture and leadership. Organisational constraints were disproportionately experienced by lower ranking officers and staff, and senior officers were not fully cognisant of these challenges. There is a need to better equip *officers* and staff of all ranks to engage with EBP and address the identified organisational challenges.

## Collaborative working and building partnership: Bringing the two worlds together

**Strudwick, K., Johnson, L.A., & Dyer, P. (2022)**

*Wellington: The Helen Clark Foundation/New Zealand Drug Foundation, 2022*

Harmful methamphetamine use has become a serious and intractable health issue in Aotearoa New Zealand over the past 20 years, and it is the country's most feared and stigmatised substance. While Aotearoa New Zealand has turned increasingly towards a health-based approach to drug use over the past several years, until now no comprehensive analysis has been undertaken about what that might look like in the context of methamphetamine use. This paper aims to address that, and to start a conversation about how we can move beyond a status quo that is failing to address the harms experienced in our communities from methamphetamine use. The paper begins by providing an overview of how methamphetamine is used, by whom and why, how big the market is, what the harms are that it causes, and how it is currently regulated. We then recommend how we can reduce those harms by better implementing what the evidence tells us about how to lower demand and support people better using a mix of psychosocial, cultural, and pharmacological approaches.



*Lance Tebbutt receiving the EBP Partnership Award from Simon Welsh at the recent all staff held at RNZPC*

**Any questions?**
**Connect with the EBPC Team via EBP@police.govt.nz**

# Projects

Spotlight on current and completed initiatives

**Tactical Response Model: Evaluation Report shows positive impact**

*Date Published: November 2022*

An evaluation of a new approach to Police frontline safety - the Police Tactical Response Model (TRM) shows the trial phase recorded fewer assaults and injuries to frontline staff, and fewer incidents requiring use of force.

The Tactical Response Model is a key component of the larger Frontline Safety Improvement Programme. The TRM is a complete safety system created with, and for, frontline Police and the communities they serve.

Running in trial format in four districts — Northland, Counties-Manukau, Waikato and Central — since November 2021, TRM provides enhanced tactical training, improved frontline access to specialist capability, and a risk-based deployment and intelligence framework.

Between 1 January and 30 June this year, the Evidence-Based Policing Centre evaluated the model, focussing on how it was implemented within districts and whether it improved the safety and wellbeing of Police staff and the public.

Tactical Response Model: Evaluation Report (PDF, 5.2MB)

Tactical Response Model: Evaluation Report Technical Appendices (PDF, 2.7MB)

# Our Partners

Meet our partners

**Behavioural Science Aotearoa Team**

BSA is part of the High Impact Innovation Programme (HIIP), a multi-disciplinary team that delivers innovative responses to complex justice sector issues.

Our work is informed by combining evidence from behavioural science with the voices of people interacting with the system. We then test our changes to see if they worked as planned.

Helen Aki, Manager

Matthew Davies, Principal Advisor

✉ Say kia ora at bsa@corrections.govt.nz

Pilar Curtis, Senior Advisor

Helen Glenny, Analyst

Jared Pickett, Advisor

Jakob Scotts-Bahle, Advisor

Sunita Singh, Senior Advisor

Huiarau Stewart, Senior Te Ao Māori Advisor

Kaori Takenaka, Senior Advisor

Olivia Wills, Senior Analyst

**Any questions?**
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# EBP Staff Awards
Spotlight on EBP Staff recognition

## Sophie Curtis-Ham



The New Zealand Spatial Excellence Awards celebrate contributions to the spatial industry in New Zealand.

Sophie Curtis-Ham won the Postgraduate Student Award for 2022. This award was for her PhD research, which developed a method to leverage Police administrative data on crime and offender activity locations to prioritise suspects in criminal investigations.

This method, known as GP-SMART, or the Geographic Profiling Suspect Mapping and Ranking Technique, implements a theoretical model to predict the future activity locations of offenders, based on their past activity locations and is freely available to police analysts worldwide.

She is now planning an EBPC project that will test whether this and other evidence-based geographic profiling methods can help solve crime in practice.



*Melissa Osborne (14 years with NZ Police) and Simon Welsh (21 years with NZ Police) recently received long service medals*



*Jane Goulding (R) receiving the DCE Mark Evans Excellence in Evidence Based Policing—Individual Award by Simon Williams (L)*



*The Data Science Team receiving their Team Award from Simon Williams*

**Any questions?**
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# EBP Staff Awards
Spotlight on EBP Staff recognition

### TRM Awards Recipients

- Jane Goulding
- Sophie Curtis Ham
- Charlie Boot
- Kate Mora
- Clara Cantal
- Erin Williams
- Sarah Czarnomski
- Roberta Eykholt
- Tegan Brown
- Juliana Brown
- Barry Shepherd
- Hope Quijano
- Jess Dent

### EBPC Service Support Award Individual:
- Jo Rusk

### EBPC Partnership Award:
Lance Tebbutt

### Outstanding Contribution to Police Research Certificate Meth Team

- Clara Cantal
- Ryan Jones
- Kate Mora
- Jess Dent
- Prof Joe Boden

### DCE Mark Evans Excellence in Evidenced Based Policing Award - Team
- TRM Team—Special Mention to Jess Dent

### Outstanding Contribution to Police Research Team:
- Meth EBPC/Prof Joe Boden

### EBPC Service Support Award Team:
- Data Reporting Team - Obert & Richard
- NZPRP Panel Leads Kate and Juliana

### DCE Mark Evans Excellence in Evidenced Based Policing—Individual

- Wonjae Lee
- Jane Goulding

### Distinguished Police Scientist Award
- Sophie-Curtis Ham

### Outstanding Contribution to Police Research Individual:
- Ryan Jones

### EBPC Directors Award in Evidence Based Policing team:
- Data Science - Special Mention to Hamish

### EBPC Directors Award in Evidence Based Policing individual:
- Erin Williams

**Special Mention to wider team contributors on TRM:** Ameerah Kahn, Jon Stevenson, Ryan Jones, Max Will, Megan Diamond, Cameron Dewe, Hamish Hull, Rodelyn Jaksons, Rob Taylor, Ryan Jones, Wonjae Lee, Robbie Taylor, Lance Tebbut, Deane Searle, Pete Evans, Katie Chapman, Brian Williamson, Fiona Quin-Williams, Bridie O'Leary, Priya Devendran

# Merry Christmas and a Happy New Year from the Evidenced-Based Policing Team



**Any questions?**
**Connect with the EBPC Team via EBP@police.govt.nz**