Rural Violent Crime Reduction Initiative – Rural Roundtable Peer Learning Event

July 20, 2023
Acknowledgement/Disclaimer

This project is supported by Grant #5PBJA-21-GK-03941-RURA awarded by the Office of Bureau of Justice Assistance, Office of Justice Programs, U.S. Department of Justice. The opinions, findings, and conclusions or recommendations expressed in this publication/program/exhibition are those of the author(s) and do not necessarily reflect those of the Department of Justice.
Event Logistics

- Event is being recorded
- Event survey
- Questions and Answers
Agenda

• Crime Data Gathering & Analysis Presentation
• RVCRI Grantee Presentations
  • Oneida, New York Police Department
  • Ridge Spring, South Carolina Police Department
• Facilitated Discussion and Q&A
• Announcements
Using Data-Driven Strategies to Address Violent Crime

Kerry Yerico, Senior Program Manager
Data-Driven Policing
The SARA Model

SCANNING  ANALYSIS  RESPONSE  ASSESSMENT
Types of Data

Computer-Aided Dispatch (CAD)
Records Management System (RMS)
Vehicle Stops
Field Contacts
Public Information
311
Automated License Plate Reader (ALPR)
Crime Analysis Overview
Strategic Crime Analysis

- Focus on long-term planning and accountability measures
- Utilize research for benchmarking & best practices
- Geographic Information Systems (GIS) to analyze hotspots of criminal activity
- Reliance on statistics to support CompStat
Tactical Crime Analysis

- Focus on short-term operational deployment
- Target-based crime locations
- Civilian analysts based in a fusion center alongside sworn officers and outside partners
- Real-time response to violent incidents
Criminal Intelligence Analysis

• Crime and intelligence analysts to support patrol and investigative departments
• Real-time analytical response to gun violence
• Social media monitoring
• Overdose trends in relation to drug activity
• Ballistic linkage
Decrease Violent Crime

Examine violent crime indicator calls-for-service to assist in predicting problem locations

• Leveraging ALPR data when hotspots arise
Increase Proactive Activity

• Align deployment with where crime is occurring
• Analyze week to week whether the officers are conducting proactive activities in the correct areas
Offender Focused

• Leveraging Field Contact & Motor Vehicle Stop Data
  • WHO are the officers contacting?
  • WHERE are they contacting them?
  • WHAT vehicle are they associated with?
  • WHEN are they being contacted?
Implementing Crime Analysis
Finding the Right Fit

**Civilian**
- Academic training
- Data-driven
- Skilled in new technologies
- Analytical mindset

**Sworn**
- Police academy training
- Policy driven
- Skilled in street intelligence
- Patrol / investigative mindset
Hiring an Analyst

• Reach out to local universities
• Use online resources
  • www.iaca.net
  • www.ialeia.org
• Create both scenario-based and personality-based interview questions
  • Diverse interview panel
Sustainability of the Analytical Unit

- Provide proper training
- Establish a civilian crime analysis manager
- Find high ranking sworn members who embrace data-driven products
- Give the analysts potential growth opportunities
- Centralization vs. Decentralization
- Develop policies and processes that reference the analytical unit
Recommendations for Implementing Data Analytics

• Invest in a robust Records Management System / Data Warehouse
  • Data that "speaks the same language"

• Trusting Technology
  • Results from data-driven approaches will increase trust

• Civilian Crime Analysts
  • Capitalize on the analytical team and support the working relationship between civilian and sworn members
Resources

Analytic Tools

- AccessiData (Forensic Tool Kit)
- Adxern
- Adobe Photoshop
- Aventis Software Products
- Axilis Mapping
- Azure (Online Interactive Map)
- Avast
- Auburn SAM: Long-term Forensic Analysis Technology
- BatchShot (Free for Mac users)
- BlackHat (Firsts to Penetration Testing for NCIC)
- www.b.isTrue.com
- Code for Police
- Code42
- Cognos
- Current Reports
- Cuto Steel (Technical Team Members)
- Ecosure (Database Software)
- EnCase (Forensic Imaging)
- EnCase (Forensic Imaging)
- Forensic Explorer (Forensic Analysis)
- Forensics Explorer (Forensic Analysis)
- Forensic Explorer (Forensic Analysis)
- Forensic Explorer (Forensic Analysis)
- Forensic Explorer (Forensic Analysis)
- Forensic Explorer (Forensic Analysis)
- Forensic Explorer (Forensic Analysis)
- Forensic Explorer (Forensic Analysis)
- Forensic Explorer (Forensic Analysis)
- Forensic Explorer (Forensic Analysis)
- Forensic Explorer (Forensic Analysis)
- Forensic Explorer (Forensic Analysis)
- Forensic Explorer (Forensic Analysis)
- Forensic Explorer (Forensic Analysis)
- Forensic Explorer (Forensic Analysis)
- Forensic Explorer (Forensic Analysis)
- Forensic Explorer (Forensic Analysis)
- Forensic Explorer (Forensic Analysis)
- Forensic Explorer (Forensic Analysis)
- Forensic Explorer (Forensic Analysis)
- Forensic Explorer (Forensic Analysis)
- Forensic Explorer (Forensic Analysis)
- Forensic Explorer (Forensic Analysis)
- Forensic Explorer (Forensic Analysis)
- Forensic Explorer (Forensic Analysis)
- Forensic Explorer (Forensic Analysis)
- Forensic Explorer (Forensic Analysis)
- Forensic Explorer (Forensic Analysis)
- Forensic Explorer (Forensic Analysis)
- Forensic Explorer (Forensic Analysis)
- Forensic Explorer (Forensic Analysis)
- Forensic Explorer (Forensic Analysis)
- Forensic Explorer (Forensic Analysis)
- Forensic Explorer (Forensic Analysis)
- Forensic Explorer (Forensic Analysis)
- Forensic Explorer (Forensic Analysis)
- Forensic Explorer (Forensic Analysis)
- Forensic Explorer (Forensic Analysis)
- Forensic Explorer (Forensic Analysis)
- Forensic Explorer (Forensic Analysis)
- Forensic Explorer (Forensic Analysis)
- Forensic Explorer (Forensic Analysis)
- Forensic Explorer (Forensic Analysis)
- Forensic Explorer (Forensic Analysis)
- Forensic Explorer (Forensic Analysis)
- Forensic Explorer (Forensic Analysis)
- Forensic Explorer (Forensic Analysis)
- Forensic Explorer (Forensic Analysis)
- Forensic Explorer (Forensic Analysis)
- Forensic Explorer (Forensic Analysis)
- Forensic Explorer (Forensic Analysis)
- Forensic Explorer (Forensic Analysis)
- Forensic Explorer (Forensic Analysis)
- Forensic Explorer (Forensic Analysis)
- Forensic Explorer (Forensic Analysis)
- Forensic Explorer (Forensic Analysis)
- Forensic Explorer (Forensic Analysis)
- Forensic Explorer (Forensic Analysis)
- Forensic Explorer (Forensic Analysis)
- Forensic Explorer (Forensic Analysis)
- Forensic Explorer (Forensic Analysis)
- Forensic Explorer (Forensic Analysis)
- Forensic Explorer (Forensic Analysis)
- Forensic Explorer (Forensic Analysis)
- Forensic Explorer (Forensic Analysis)
- Forensic Explorer (Forensic Analysis)
- Forensic Explorer (Forensic Analysis)
- Forensic Explorer (Forensic Analysis)
- Forensic Explorer (Forensic Analysis)
- Forensic Explorer (Forensic Analysis)
- Forensic Explorer (Forensic Analysis)
- Forensic Explorer (Forensic Analysis)
- Forensic Explorer (Forensic Analysis)
- Forensic Explorer (Forensic Analysis)
- Forensic Explorer (Forensic Analysis)
- Forensic Explorer (Forensic Analysis)
- Forensic Explorer (Forensic Analysis)
- Forensic Explorer (Forensic Analysis)
- Forensic Explorer (Forensic Analysis)
- Forensic Explorer (Forensic Analysis)
- Forensic Explorer (Forensic Analysis)
- Forensic Explorer (Forensic Analysis)
- Forensic Explorer (Forensic Analysis)
- Forensic Explorer (Forensic Analysis)
- Forensic Explorer (Forensic Analysis)
- Forensic Explorer (Forensic Analysis)
- Forensic Explorer (Forensic Analysis)
- Forensic Explorer (Forensic Analysis)
- Forensic Explorer (Forensic Analysis)
- Forensic Explorer (Forensic Analysis)
- Forensic Explorer (Forensic Analysis)
- Forensic Explorer (Forensic Analysis)
- Forensic Explorer (Forensic Analysis)
- Forensic Explorer (Forensic Analysis)
- Forensic Explorer (Forensic Analysis)
- Forensic Explorer (Forensic Analysis)
- Forensic Explorer (Forensic Analysis)
- Forensic Explorer (Forensic Analysis)
- Forensic Explorer (Forensic Analysis)
- Forensic Explorer (Forensic Analysis)
- Forensic Explorer (Forensic Analysis)
- Forensic Explorer (Forensic Analysis)
- Forensic Explorer (Forensic Analysis)
- Forensic Explorer (Forensic Analysis)
- Forensic Explorer (Forensic Analysis)
- Forensic Explorer (Forensic Analysis)
- Forensic Explorer (Forensic Analysis)
- Forensic Explorer (Forensic Analysis)
- Forensic Explorer (Forensic Analysis)
- Forensic Explorer (Forensic Analysis)
- Forensic Explorer (Forensic Analysis)
- Forensic Explorer (Forensic Analysis)
- Forensic Explorer (Forensic Analysis)
- Forensic Explorer (Forensic Analysis)
- Forensic Explorer (Forensic Analysis)
- Forensic Explorer (Forensic Analysis)
- Forensic Explorer (Forensic Analysis)
- Forensic Explorer (Forensic Analysis)
- Forensic Explorer (Forensic Analysis)
- Forensic Explorer (Forensic Analysis)
- Forensic Explorer (Forensic Analysis)
- Forensic Explorer (Forensic Analysis)
- Forensic Explorer (Forensic Analysis)
- Forensic Explorer (Forensic Analysis)
- Forensic Explorer (Forensic Analysis)
- Forensic Explorer (Forensic Analysis)
- Forensic Explorer (Forensic Analysis)
- Forensic Explorer (Forensic Analysis)
- Forensic Explorer (Forensic Analysis)
- Forensic Explorer (Forensic Analysis)
- Forensic Explorer (Forensic Analysis)
- Forensic Explorer (Forensic Analysis)
- Forensic Explorer (Forensic Analysis)
- Forensic Explorer (Forensic Analysis)
- Forensic Explorer (Forensic Analysis)
- Forensic Explorer (Forensic Analysis)
- Forensic Explorer (Forensic Analysis)
- Forensic Explorer (Forensic Analysis)
- Forensic Explorer (Forensic Analysis)
- Forensic Explorer (Forensic Analysis)
- Forensic Explorer (Forensic Analysis)
- Forensic Explorer (Forensic Analysis)
- Forensic Explorer (Forensic Analysis)
- Forensic Explorer (Forensic Analysis)
- Forensic Explorer (Forensic Analysis)
- Forensic Explorer (Forensic Analysis)
- Forensic Explorer (Forensic Analysis)
- Forensic Explorer (Forensic Analysis)
- Forensic Explorer (Forensic Analysis)
- Forensic Explorer (Forensic Analysis)
- Forensic Explorer (Forensic Analysis)
- Forensic Explorer (Forensic Analysis)
- Forensic Explorer (Forensic Analysis)
- Forensic Explorer (Forensic Analysis)
- Forensic Explorer (Forensic Analysis)
- Forensic Explorer (Forensic Analysis)
- Forensic Explorer (Forensic Analysis)
- Forensic Explorer (Forensic Analysis)
- Forensic Explorer (Forensic Analysis)
- Forensic Explorer (Forensic Analysis)
- Forensic Explorer (Forensic Analysis)
- Forensic Explorer (Forensic Analysis)
- Forensic Explorer (Forensic Analysis)
- Forensic Explorer (Forensic Analysis)
- Forensic Explorer (Forensic Analysis)
- Forensic Explorer (Forensic Analysis)
- Forensic Explorer (Forensic Analysis)
- Forensic Explorer (Forensic Analysis)
- Forensic Explorer (Forensic Analysis)
- Forensic Explorer (Forensic Analysis)
- Forensic Explorer (Forensic Analysis)
- Forensic Explorer (Forensic Analysis)
- Forensic Explorer (Forensic Analysis)
- Forensic Explorer (Forensic Analysis)
- Forensic Explorer (Forensic Analysis)
- Forensic Explorer (Forensic Analysis)
- Forensic Explorer (Forensic Analysis)
- Forensic Explorer (Forensic Analysis)
- Forensic Explorer (Forensic Analysis)
- Forensic Explorer (Forensic Analysis)
- Forensic Explorer (Forensic Analysis)
- Forensic Explorer (Forensic Analysis)
- Forensic Explorer (Forensic Analysis)
- Forensic Explorer (Forensic Analysis)
- Forensic Explorer (Forensic Analysis)
- Forensic Explorer (Forensic Analysis)
- Forensic Explorer (Forensic Analysis)
- Forensic Explorer (Forensic Analysis)
- Forensic Explorer (Forensic Analysis)
- Forensic Explorer (Forensic Analysis)
- Forensic Explorer (Forensic Analysis)
- Forensic Explorer (Forensic Analysis)
- Forensic Explorer (Forensic Analysis)
- Forensic Explorer (Forensic Analysis)
- Forensic Explorer (Forensic Analysis)
- Forensic Explorer (Forensic Analysis)
- Forensic Explorer (Forensic Analysis)
- Forensic Explorer (Forensic Analysis)
- Forensic Explorer (Forensic Analysis)
- Forensic Explorer (Forensic Analysis)
- Forensic Explorer (Forensic Analysis)
- Forensic Explorer (Forensic Analysis)
- Forensic Explorer (Forensic Analysis)
- Forensic Explorer (Forensic Analysis)
- Forensic Explorer (Forensic Analysis)
- Forensic Explorer (Forensic Analysis)
- Forensic Explorer (Forensic Analysis)
Questions?
RVCRI Grantee Presentations

• Describe your agency and community.
• What prompted you to apply for RVCRI funding?
• Summarize your RVCRI program and work accomplished to date.
• Discuss any challenges are successes realized/accomplished to date.
• Outline sustainability planning.
Open Discussion

• Reminder: Event Survey
What’s Next?

• Sexual Assault & Intimate Partner Violence Investigations Webinar, scheduled for Thursday, August 17th (additional details to follow).
• Next roundtable scheduled for Thursday, November 9th (additional details to follow).