BJA NTTAC Justice Community Webinar:
Crime Analysis

May 2, 2017
<table>
<thead>
<tr>
<th>Time</th>
<th>Agenda Item</th>
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<tbody>
<tr>
<td>1:00 p.m. – 1:05 p.m.</td>
<td><strong>Introduction</strong></td>
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<tr>
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<td><em>Rebecca Rose, Bureau of Justice Assistance (BJA) Senior Policy Advisor &amp; BJA National Training and Technical Assistance Center (NTTAC) Director</em></td>
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<tr>
<td>1:05 p.m. – 1:40 p.m.</td>
<td><strong>Enhancing Crime Analytics: An Overview of the Nationwide Crime Analysis Capability Building Project</strong></td>
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<tr>
<td></td>
<td><em>Jamie Roush, CRH Crime Analysis Consulting Partner</em></td>
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<td><em>Rachel Santos, Ph.D., Radford University Department of Criminal Justice Professor</em></td>
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<td>1:40 p.m. – 1:55 p.m.</td>
<td><strong>Questions and Answers</strong></td>
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<td>1:55 p.m. – 2:00 p.m.</td>
<td><strong>Resources and Closing</strong></td>
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<tr>
<td></td>
<td><em>Rebecca Rose, BJA Senior Policy Advisor &amp; BJA NTTAC Director</em></td>
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BJA CRIME ANALYSIS INITIATIVES

BJA NTTAC Crime Analysis on Demand
Experts available to provide high-quality, on-demand technical assistance services that address analytical gaps and needs for crime analysts and law enforcement personnel.

Crime Analysis for Chief Executives
Training for agency teams, including executives, commanders, and analysts, to identify how to support actionable analysis within their own departments and use that analysis to drive operations.

Building a Nationwide Crime Analysis Capacity
Leveraging best practices and lessons learned from Crime Analysis Centers; support to three pilot sites.
Enhancing Crime Analytics: An Overview of the Nationwide Crime Analysis Capability Building Project
Project Objectives

- Crime Analysis Capabilities Toolkit
- Advance the crime analysis capacity
- Identify promising practices and technology solutions
- Three project sites to help develop the toolkit
Pilot Project Selections

- Project sites:
  - Tempe, Arizona Police Department: Midsize agency
  - Charlotte-Mecklenburg, North Carolina Police Department: Real Time Crime Center (RTCC)
  - Northern Ohio Violent Crime Consortium (NOVCC): Regional partnership
• Crime analysis data warehouse and spatial data engine
• Prolific offender database with activity space features
• Example products and databases
• Suggestions for crime analysis metrics
Repeat Offender Prioritization and Tracking

Step 1: Set Weights for Offenses and Roles

Offense Weights

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Step 2: Filter and Search

- Only these types of offenses
- Only those with activity since 01/01/2013
- Only consider incidents since 01/01/2013
- Exclude Incapacitated
- Offender age between: 0 and 99
- Only offenders with at least one...

Identify Top People

Tempe Police prototype version 0.70, 16 July 2015

Questions or feedback to Noah Fritz or Christopher Bruce (cwbruce@gmail.com)
PersonID: 948
DOB: 
Last: JARION
First: ODALIS
StNo: 1891
Street: WINDSOR ST.
City: DANBURY
State: CT
Incarceration Date: 
Location: 
Role: 
Offense: 
Suspect: 
Other Theft: 
Defendant: 
Victim: 
Simple Assault: 
Vandalism: 
No Filter
Search

Categorizations: Gang Member, Illegal Immigrant, Psychological, Sex Offender

Status: Incapacitated

General Notes:
Street person accused numerous times of physically accosting passers-by and demanding cash. Considered "obnoxious" by fellow homeless people, frequent victim of assaults himself. Suspected schizophrenic, stays at the YMCA with panhandled money.
# High-Frequency Contact List

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<tr>
<th>PersonID</th>
<th>Name</th>
<th>DOB</th>
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Offender
John Doe’s
Activity Space
Overlay of Crime Hot Spot/Victimizations and Activity Space of Selected Offenders

- 590 Crimes
- 193 near the HotDot
• Understanding of RTCC and crime analysis best practices
• Guidance for creating a successful RTCC along with crime analysis
• Video, policies, technology
• Personnel and staffing considerations (sworn versus civilian; integrate with crime analysis or not)
• Integrating other agencies/functions into a law enforcement RTCC (e.g., public transit)
• Operational hours: 24/7 or “on demand”
• Nature of chain of command and supervisory positions
RTCC Personnel Duties

• Background work and identifying and passing along useful information and evidence (including video) that can support active investigations/cases
• Help investigators navigate the video archives and databases for relevant information
• Prepare reports on the activities of the RTCC
• Learn about how new technology operates and evolves
• Exploring the ever-expanding range of data sources that are routinely available
• Other possible responsibilities might include:
  • Assisting with background investigations for new hires
  • Assisting with preparing warrants
  • Helping outside agencies with requests
Future of RTCC

- Body-worn cameras
- Facial recognition software
- Social media applications
- Integrating external public and private video feeds
Northern Ohio Violent Crime Consortium (NOVCC)

- Crime analysis capabilities assessment survey and process methodology
- Training plan for regional crime analysis
- Guidelines for data to be shared in regional effort
- Example of regional crime analysis products
Northern Ohio Violent Crime Consortium (NOVCC)

- NOVCC was established in October 2007 through a Byrne Criminal Justice Innovation Program grant
- Purpose: promote data-driven decisionmaking and use of evidence-based practices to prevent and/or reduce violent crime in participating law enforcement jurisdictions in the Northern District of Ohio
The NOVCC Operations

• A clearly defined purpose
• Partnership development and maintenance
• Organizational assessments and change plans
• Training and technical assistance
• Data collection and analysis
• Demonstration projects using evidence-based practices
• Information sharing and evaluation
Crime Analysis Readiness Assessment

• Assessed crime analysis capacity of individual agencies
• Structured interview protocol
• One-hour interview or online
• Covers:
  • Administrative and organizational support for crime analysis
  • Data accuracy, completeness, use, format
  • Resources for staff, software, IT/IS capacity, funding
Regional crime analysis program requires an ongoing training program for analysts, command staff, and line officers.

Cost-effective to conduct regionally and enhances the sharing of information and best practices.

Continuous training is necessary to keep members connected to regional issues and goals.
Training Plan for Regional Crime Analysis

• **Step One** – Regional Coordination of Training
• **Step Two** – Stratify Training by Audience
• **Step Three** – Yearly Training Assessment
• **Step Four** – Implement Training Plan
  • The “Boot Camp” Model of Training
Crime Analysis Capabilities Toolkit

- Logic models and timeline methodology used by the project sites
- Case studies describing the work done in each site
- Guideline documents, products, databases, and example policies make up the tools
Crime Analysis Capabilities Toolkit Website

Crime Analysis Toolkit Visual Concept Rendering

Conceptual image rendering representing the Crime Analysis Toolkit, illustration based on the Violence Reduction Network’s Clearinghouse.

* Description text and appropriate image / iconography may be added.

Resources filterable by crime analysis category.

Browse by Tool

- Assessment
- Organization / Culture
- Policies
- Technology
- Data
- Training
- Analytical Techniques
Crime Analysis Capabilities Toolkit Website

Resources also filterable by *Agency*, *Regional*, or *RTCC* grouping, including count of results per subgroup.

* This grouping could be placed in a drawer attached to the left side of the browser window.

Addressing Crime or Disorder in Housing Webinar

To date, many members of the Smart Policing community are experiencing high-c...
Crime Analysis Capabilities Toolkit Website

Additional information for each resource is available through the link title.

BJA National Training and Technical Assistance Center
The mission of the Bureau of Justice Assistance (BJA) is to provide leadership...
Training / Technical Assistance

BJA Project Safe Neighborhoods
Project Safe Neighborhoods provides funding to hire state and local prosecuto...
Training / Technical Assistance

Basic and Advanced Crime Prevention Training Course
The Basic Crime Prevention Course is a three-day course that provides an intr...
Training / Technical Assistance

Best Practices for Using Crime Prevention Through Environmental Design in Weed and Seed Sites
This publication chronicles National Crime Prevention Council's Crime Prevent...
Publication

Resource(s) may be selected for inclusion in a personally named toolkit.

Saved toolkits may be shared and remain available for a given period.
Questions?

Thank you for your participation!
RESOURCES

• Crime Analysis on Demand – www.bjatraining.org
• Crime Analysis for Chief Executives, International Association of Directors of Law Enforcement Standards and Training – www.iadlest.org
• Building a Nationwide Crime Analysis Capability, Institute for Intergovernmental Research – www.iir.com

Contact Us:
E-mail us at nttac@bjatraining.org
Call us at 1-855-BJA-TTAC (855-252-8822)