

# NORCAN

## Summer Symposium

### BETTER ANALYSIS TOGETHER

THURSDAY, JULY 26,  
2012

1000-1600 hrs

Kennewick Police Department  
211 W 6th AV  
Kennewick WA 99336

#### QUESTIONS?

Trina Cook, Tukwila PD  
trina.cook@tukwilawa.gov  
206-433-1822

#### NETWORKING LUNCH

NORCAN is providing lunch  
and the time for us to network  
while we eat.

#### RSVP

Please RSVP no later than  
Thursday, July 19 to Cynthia  
Konecny, King County Sher-  
iff's Office  
cynthia.konecny@kingcounty.gov

Join us for the second NORCAN Summer Symposium, held this year in Kennewick, Washing-  
ton. Full of talented speakers and relevant topics, this one-day training will leave you with  
applicable tools and tips as well as the invaluable resource of networking with other analysts.  
We are all better off doing our analysis together!

#### SCHEDULE

- 1000 - Welcome
- 1010 - **Working Proactive Patrol: Creating a Target-Rich Environment**  
Alisha Grow, Spokane Police
- 1050 - Break
- 1100 - **Microsoft Access: Teaching Yourself to Fish**  
Brian Salsig, Clark County Sheriff's Office
- 1200 - Break
- 1210 - **Crime Analysis With Little or No Money Down**  
David Hutchinson, Pierce County Sheriff's Office
- 1230 - Lunch
- 1315 - **Gang Analysis in Sunnyside, WA**  
Courtney Percival, Sunnyside Police
- 1345 - Break
- 1355 - **Risk Terrain Modeling: An Overview and Application**  
Megan Yerxa, Tacoma Police
- 1435 - Break
- 1445 - **Identify and Analyze Crime and Crash Hot Spots**  
Christopher Bruce, IACA
- 1555 - Closing

#### STREAMING/LISTENING POSTS

Instructions for streaming the Symposium online will be sent the morning of the event, once it is  
up and running. If you are unable to attend the Symposium in person but would like to network  
with other analysts in your area, streaming/listening posts will be held in Eugene (OR), Bellevue  
(WA), Auburn (WA), and Seattle (WA). Contact Joe Ryan, Auburn PD, at [jryan@auburnwa.gov](mailto:jryan@auburnwa.gov)  
for details.



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#### PRESENTATION SUMMARY AND PRESENTER BIOGRAPHY

##### ALISHA GROW

Spokane Police Department  
Crime Analyst

##### NICK GEREN

Spokane Police Department  
Patrol Officer

**Title:** Working Proactive Patrol: Creating a Target-Rich Environment

**Summary:** Topic will focus on analysts working in the field discussing my experience and perspective of the past six months while assigned to our proactive patrol team (PACT). We will discuss the officer/analyst perspectives for this position and assignment specifics including examples of assignments, products, tools, intelligence gap, what worked/what didn't/what's needed.

**Biography:** Alisha has worked nearly six years with the Spokane Police Department, the previous two years as a Crime Analyst. She has previously worked in the Operations Analysis and Planning Unit and the Spokane Police Academy. Alisha holds an MA in Criminal Justice and BA in Psychology. She is also a Certified Law Enforcement Planner (CLEP) and Certified Crime and Intelligence Analyst (CCIA).

##### BRIAN SALSIG

Clark County Sheriff's Office  
Crime Analyst

**Title:** Microsoft Access: Teaching Yourself to Fish

##### DAVID HUTCHINSON

Pierce County Sheriff's Dept.  
Crime Analyst

**Title:** Crime Analysis with Little or No Money Down

**Summary:** There are a myriad of free tools available that can help with crime analysis. These are a few of them.

**Biography:** David Hutchinson has been a crime analyst for the Pierce County Sheriff's Department since 2005 and NORCAN VP of Communication since 2008. Troubleshooting, hacking, analyzing and not spending money are his passions - and, no, this is not a joke. He has attended three colleges, had three careers, and three kids, but, amazingly, only one wife.

##### COURTNEY PERCIVAL

Sunnyside Police Department  
Crime Analyst

**Title:** Gang Analysis in Sunnyside, WA

**Summary:** This presentation discusses gang analysis in Sunnyside, the theories behind the methodology, the analyst role in gang investigations, and provides a few examples of how the analyst has played a key role in the investigation or apprehension of the fugitive.

**Biography:** Courtney Percival has been a Crime Analyst for the Sunnyside Police Department since July 2011. She graduated from Portland State University in 2011 with a Bachelor of Science in Criminology, minor in biology, and certificates in Advanced Crime Analysis and the American Justice System. Courtney is presently a graduate student at Michigan State University completing a Master of Science in Law Enforcement Intelligence and Analysis and certificate program in Homeland Security.

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MEGAN YERXA

Tacoma Police Department  
Crime Analyst

**Title:** Risk Terrain Modeling: An Overview and Application

**Summary:** This presentation provides an overview of Risk Terrain Modeling (RTM), a method of risk assessment, which aids in spatially forecasting crime by incorporating underlying causes of crimes and other threats to public safety. The RTM framework will be applied to residential burglary. Implications for strategic and tactical crime prevention efforts will be discussed.

**Biography:** Megan has been a Crime Analyst at Tacoma Police Department for over two years, predominately focused on tactical analysis. She has her Masters in Criminal Justice (ABD Thesis) and Certificate in Crime Analysis from Seattle University. Before TPD, she was a data analyst for a political marketing company and got her BA in Management Information Systems from Washington State University (Go Cougs!).

CHRISTOPHER W. BRUCE

Data-Driven Approaches to  
Crime and Traffic Safety  
Analytical Specialist

**Title:** Identify and Analyze Crime and Crash Hot Spots

**Summary:** A “hot spot” refers to a geographic area representing a small percentage of the jurisdiction and containing a high percentage of incidents. The identification and analysis of hot spots can help direct operations and triage problem-solving efforts. This session begins by covering the three major methods used to identify hot spots—aggregation, adaptive scan, and interpolation—and the considerations that each of them entail, including choosing the right method for the right incident type. Having identified hot spots, the class then turns to analytical considerations that help make hot spot analysis operationally useful to the police agency. Techniques are presented in ArcGIS and CrimeStat III, and the class gives students resources for further training in these applications.

**Biography:** Christopher Bruce has served as President of the International Association of Crime Analysts since 2007, and he has been on the IACA board since 2000. After serving in two police agencies in Massachusetts from 1994 to 2011, he recently took a contracted position with the Data-Driven Approaches to Crime and Traffic Safety (DDACTS) program of the U.S. Department of Transportation and the U.S. Department of Justice. In this role, he works with police agencies around the United States to improve their analytical capabilities. Christopher has taught graduate and undergraduate-level courses at six colleges and universities and is a frequently lecturer at crime analysis and policing conferences. He is currently working on an update to his Better Policing with Microsoft Office book and a handbook on tactical crime analysis.