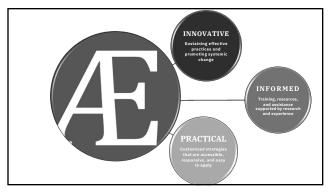


Moderator



Beth McGarry, JD McGarry & Associates

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Innovative Prosecution Solutions INNOVATIVE PROSECUTION SOLUTIONS Advancing leading-edge strategies to fight violent crime and build safer communities www.innovativeprosecutionsolutions.org

TTA Team Support

This project was supported by Grant No. 2020-YX-BX-K001 awarded by the Bureau of Justice Assistance. The Bureau of Justice Assistance is a component of the Department of Justice's Office of Justice Programs, which also includes the Bureau of Justice Statistics, the National Institute of Justice, the Office of Juvenile Justice and Delinquency Prevention, the Office for Victims of Crime, and the SMART Office. Points of view or opinions in this document are those of the author and do not necessarily represent the official position or policies of the U.S. Department of Justice.

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Presenters



Rachel Lovell, PhD Assistant Professor of Criminology Cleveland State University



Ryan Bokoch, JD

Assistant Prosecuting Attorney and Crime Strategies Unit Supervisor

Cuyahoga County Prosecutor's Office

Site Funding

Bureau of Justice Assistance's Innovative Prosecution Solutions

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Collaboration







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Learning Objectives

- Understand the process of identifying prolific offenders through an incident database and social network analyses;
- Develop and implement a standardized, data-driven set of criteria to prioritize investigations and prosecutions; and
- Utilize technology to map violent offenders and incident locations to better inform the response to violent crime.

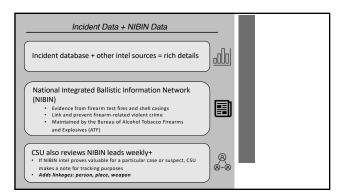
Hopefully, get you started, or at least thinking about, how to leverage data you have or could have for data-driven prioritization of cases.

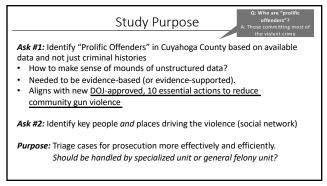
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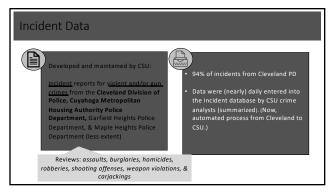


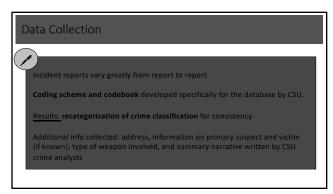
Crime Strategies Unit Cuyahoga County Prosecutor's Office (CCPO)

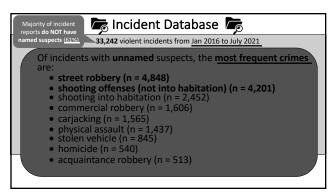
- CCPO: largest prosecutor's office in Ohio, works with over 56 police municipalities and other law enforcement agencies to prosecute felony-level crimes.
- Crime Strategies Unit: specialized investigative unit formed in 2015 to coordinate law enforcement efforts in the County in implementing violent crime reduction strategies
- Key purpose: liaison to reduce miscommunication, fill information gaps, and facilitate intelligence flow. Coordinating efforts concentrate primarily on:
 - summarizing violent and gun incidents for a number of jurisdictions (incident data),
 - disseminating summaries to various agencies,
 - analyzing the incidents for connections, leads, and crime patterns,
 the second find and the secon
 - hosting regular meetings with local, state, and federal law enforcement representatives to share information on violent crimes and offenders, and
 - coordinating multiple agencies' investigations into violent and/or gun crimes.

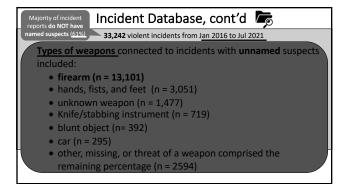


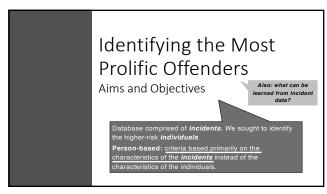


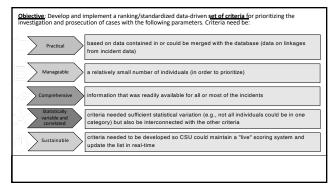










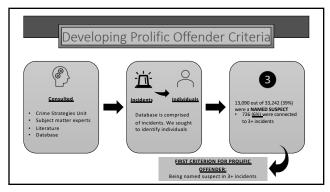


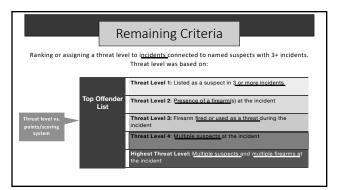
Criteria serve as a proof of concept (framework) by which CSU can readily:

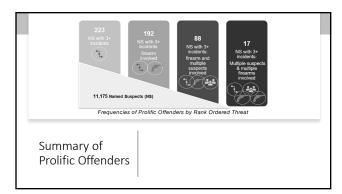
Run queries on those connected to large number of crimes
Identify most prolific offenders via analysis of CSU databases
Rank those individuals by threat level, and
Conduct social network and spatial analyses to help identify and visualize linkages

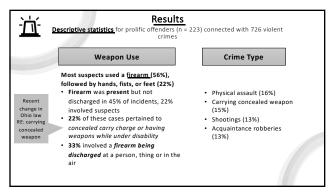
Of note, several commonly used criteria to identify prolific offenders were not used (e.g., Fox, Allen, A Toth, 2020), i.e., criminal histories and gang affiliation were not included criteria because this information is not readily available to the unit in a database format.

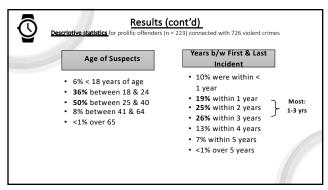
Court assessments not useful for our purposes because not comprehensive nor statistically variable.

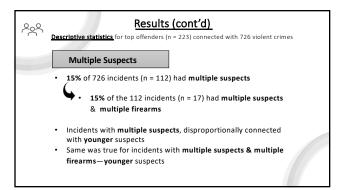


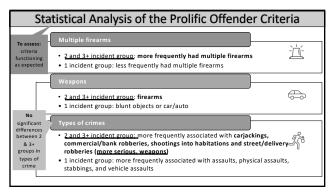


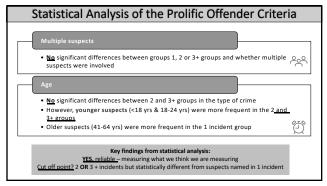


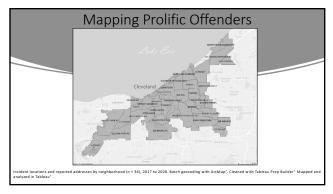




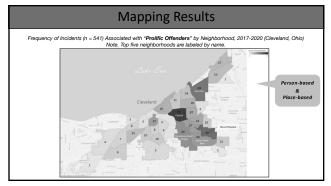


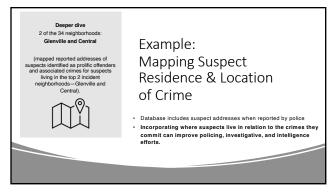






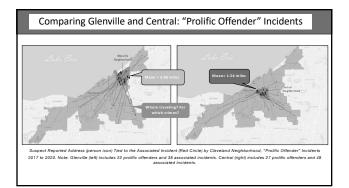


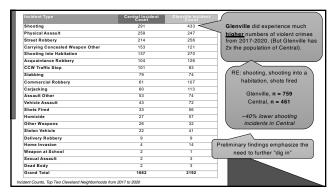


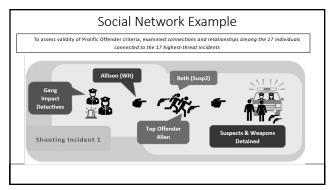


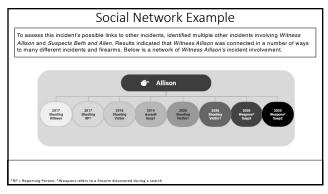
Average Distance to Incident (miles) 2.49 2.22 6.62	Average distance "tra by incident type
2.22 6.62	Was free and a state of
6.62	Mark for success and and
	Most frequent crime
2.39	committed by
5.18	Glenville's prolific
7.04	shootings, with an
6.92	average distance to
1.88	
4.70	the crime of 2.49
3.06	miles
2.66	
0.00	
	7.04 6.92 1.88 4.70 3.06 2.66

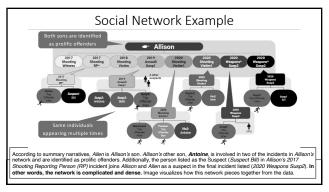
Central Prolific Offer	nders: Incident	Type and Averag	e Distance to Incident
Location information for $n = 27$ prolific offe		ts (Cleveland, 2017-202	0) and
reportedly living in the Central neighborhoo	od.		
Incident Type	Count of	Average Distance to	
	Incidents	Incident (miles)	
Physical Assault	12	1.55	Most frequent crime by
Acquaintance Robbery	6	2.62	Central's prolific
Carrying Concealed Weapon Traffic Stop	5	1.77	offenders was physical
Shooting into Habitation	3	3.47	assault_with an average
Assault Other	5	0.30	distance to the crime of
Street Robbery	3	1.93	1.55 miles.
CCW Other	4	0.90	
Homicide	2	2.27	
Shooting	3	0.66	
Stabbing	2	0.84	
Commercial Robbery	1	0.69	
Vehicle Assault	1	0.31	
Dead Body	1	0.00	
Grand Total	48	1.54	

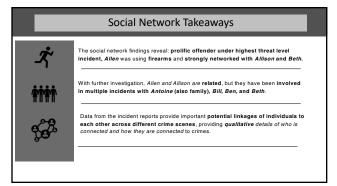




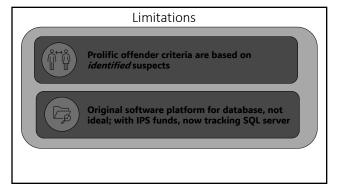








As of February 2, 2024 (~5.5 years total observation, 2.5 years post-observation):					
	All persons n (%)	31 and over* n (%)	30 and under* n (%)	24 and under	
Incarcerated/under supervision	93 (42%)	29 (31%)	64 (50%)	39 (54%)	
Currently in prison	76	21	55	34	
(Convicted of a homicide)	(15)	(2)	(13)	(6)	
On parole or judicial release	17	8	9	5	
Deceased, killed in a homicide	5 (2%)	1	4	4	
Killed in a homicide or under supervision	98 (44%)	30 (32%)	68 (53%)	43 (60%)	
Total	223	95	128	72	



Full report available by request

Rachel Lovell, PhD
Assistant Professor of Criminology
Director, Criminology Research Center
Cleveland State University
re.lovell@csuohio.edu

Ryan Bokoch, JD
Supervisor, Crime Strategies Unit
Cuyahoga County Prosecutor's Office
rbokoch@prosecutor.cuyahogacounty.us

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