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Webinar June 17, 2012 IACP / UC Center for Police Research and Policy

#### **Our Mission: Bring Science to the Streets**

- Provide police agencies with access to cutting-edge research, translated into actionable recommendations
- Conduct and facilitate police research; foster collaborative relationships between researchers and police agencies
  - Answer urgent policing issues
  - $\circ~$  Drive sound policy
  - Translate existing research
  - Generate new evidence through large-scale studies

# **Defining Violence**

#### Seeking to reduce *urban violence*

<u>**Urban Violence**</u> – physical force occurring on the street or other public spaces in cities or towns that results (or could result) in serious injury or death

- Most frequently referring to <u>firearm violence</u> among young (age 24 and under) men
- Not referring to nonlethal violence, sexual violence, or violence between intimate partners and family members

Reference: Abt (2019)

Approaches to Violence Reduction

#### **Community-Led**

- Founded on public health model; violence as "disease"
- Encourages multi-faceted approach for violence prevention
- Mobilizes community stakeholders for response
- Less evidence regarding effectiveness; fewer rigorous studies; less demonstrated impact

#### Police-Led

- Strategies driven by LE activities and partnerships
- Primarily based on problem-solving framework
- Includes offender-based, place-based, and communitybased approaches
- More studies; mixed findings regarding effectiveness; unintended consequences

## Key Elements of Successful Initiatives



Highly focused

**Evidence-based Strategies** 



Strong investigations / intelligence



Advanced analytics incorporated from the beginning (e.g., problem analysis); build in testing components

Effective partnerships



Robust program management / accountability

Mini Community support



#### Funding: Arnold Ventures

#### **Participating Jurisdictions:**



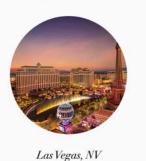
Baton Rouge, LA





Denver, CO

Harris County, TX





Philadelphia, PA

Tucson, AZ



Wichita, KS

**Services Provided:** Technical assistance, training, resource & tool development, peer exchange, robust implementation and outcome evaluation

# Place Network Investigations

Strategy Overview

# **P.N.I.** Place Network Investigations

How can we shift our thinking and approach to public safety?

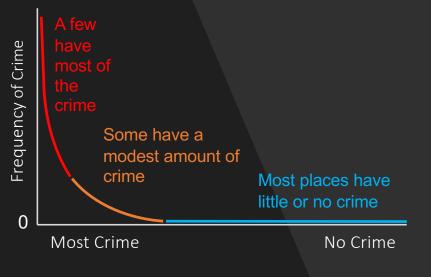
How can we lessen reliance on traditional justice system? How can we produce sustained gun crime reductions?

# Enforcement in Historically Violent Crime Sites

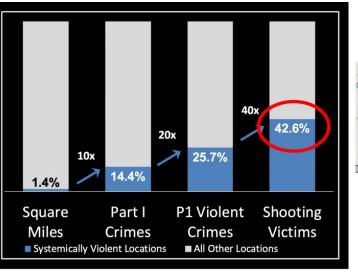
- Drives down crime (momentarily)
- Generates large numbers of (costly) arrests
- If aggressive and sustained, damages police-community relations
- Continually places officers at-risk for injury and negative public interactions
- Over time, creates substantial racial disparities in justice-related outcomes
- Leaves place-based dynamics intact

# P.N.I. Evidence-Base

#### Places and Crime



- Crime is concentrated across places, offenders, victims
  - 80-20 Rule
- Most violent crime, across any city, occurs in small, identifiable micro-locations.





23 Persistent Violent Micro-Locations

# Micro Hotspots 2012-2015

- Same locations
- 67 of 460
   officer injuries

Officer

Safety

P.O. SONNY KIM

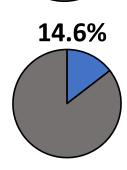
POLIC

1966-2015

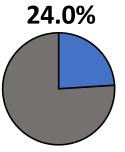
• 1,516 of 6,315

#### non-compliant behaviors

- obstruction of official business
- resisting arrest
- assaults on police officers



1.4%



# **P.N.I.** Place Network Investigations

# New Question

Dynamics that sustain violent hotspots over time

# Why do the same places remain violent?



Hotspots Persistent - Durable - Systemic - Historical



THE DEVASTATING CONSEQUENCES OF URBAN VIOLENCE—AND A BOLD NEW PLAN FOR PEACE IN THE STREETS

BLEEDING OUT THOMAS ABT

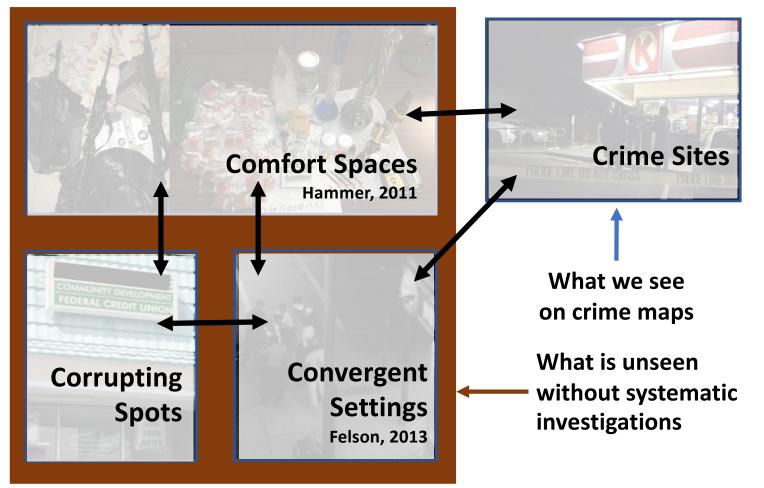
# What makes violence "stick" in particular places?

- Offenders, victims, and <u>crime</u> <u>places</u> are networked.
- Persistent crime hotspots result from overlapping networks.

# Place-based Crime Infrastructures

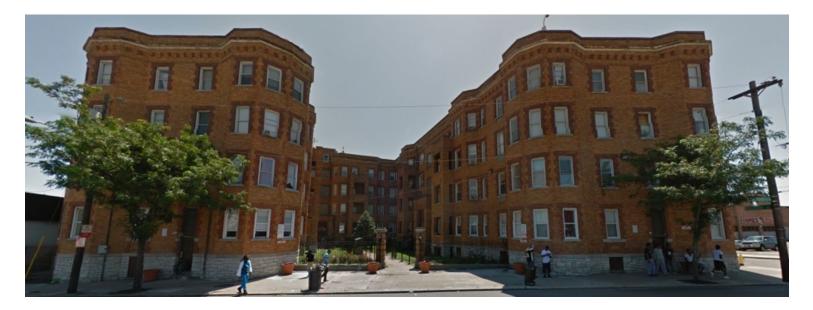
## 4 Types of Crime Places

(Madensen & Eck, 2013)

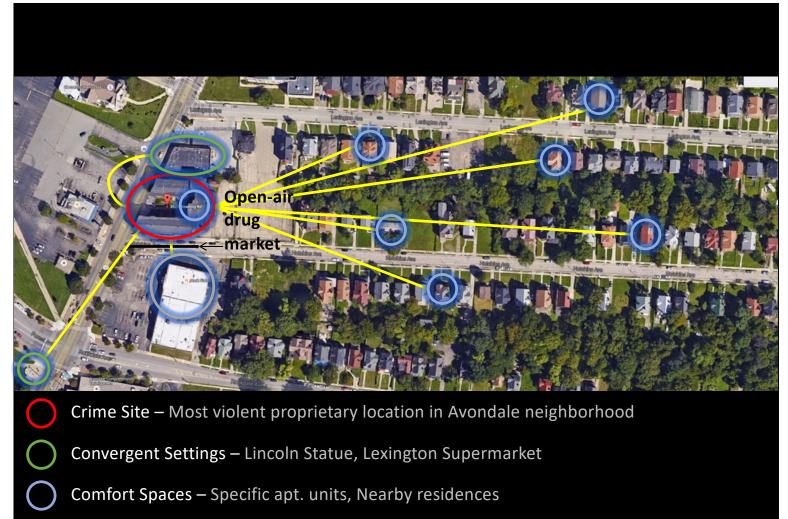


Crime Places are Networked

### Place-Based Investigation Example



Poinciana Apartments 3522 Reading Road



Corrupting Spots – Nearby businesses (some facilitators)

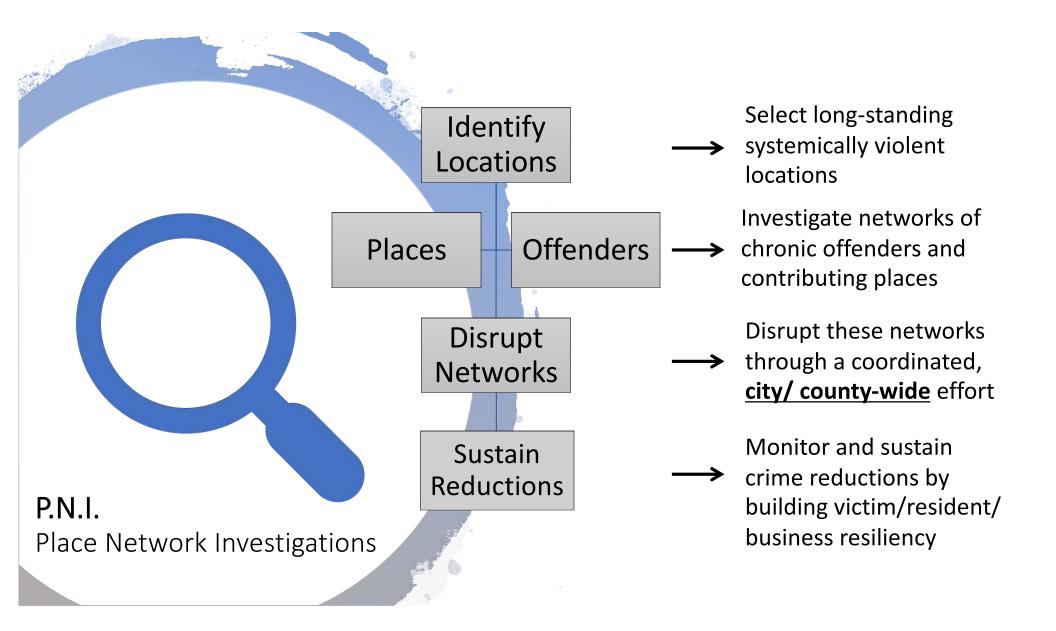
\*Approximate locations

# **P.N.I.** Place Network Investigations



Lessens reliance on justice system resources

# What should we do about crime place networks, and why?



# **P.N.I. Board** (Holistic Governance)

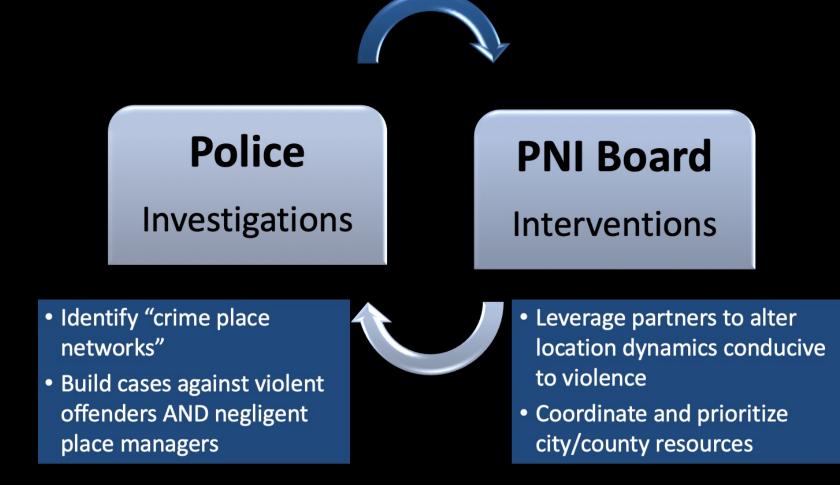
#### Strategic action to:

- prioritize objectives and responsibilities to residents
- create effective systems to address community concerns
- eliminate silos to leverage and maximize impact of existing resources

#### Staffed with Department Heads



#### Accountable to City Leader/Champion



# PNI Investigative/Response Process

# **PNI Board Responses**

Intervention Points for Changing Location Dynamics

#### Buildings & Inspections

• Codes/standards, Demolitions

#### Health Department

 Spoiled/expired food, Licensing

#### Traffic and Engineering

 Parking restrictions, Barricades/redesign/calming

#### • Legal

• Civil remedies (MOUs), Criminal cases against place owners

#### • Zoning

- Improper place usage
- Fire
  - Ingress/egress, Occupant safety

#### • Economic Development

- Business recruitment following stabilization
- Public Works
  - Neighborhood clean-ups

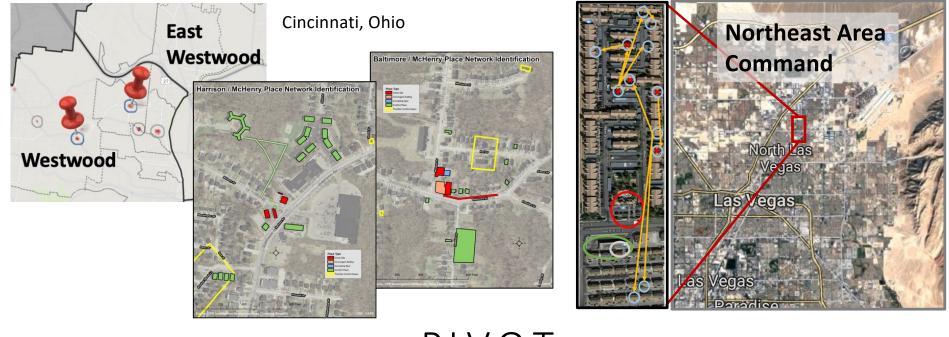
## **P.N.I.** Place Network Investigations

Produces sustained gun crime reductions

# How is violence reduced and what are the long-term outcomes?

### P.N.I. Pilot Sites

Las Vegas, Nevada



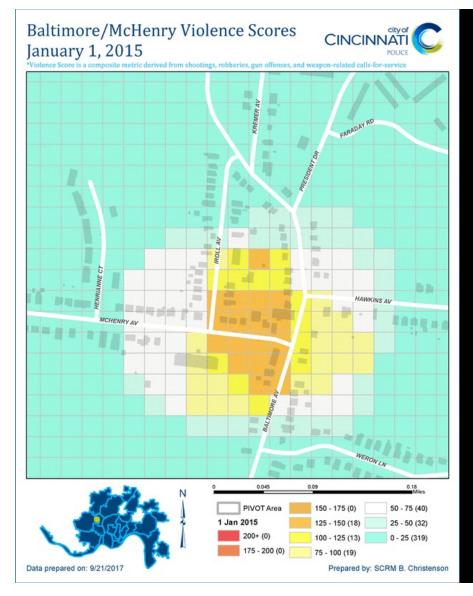
### P.I.V.O.T.

Place-based Investigations of Violent Offender Territories

# Dynamics of Opportunistic Violence

Poor Place Management

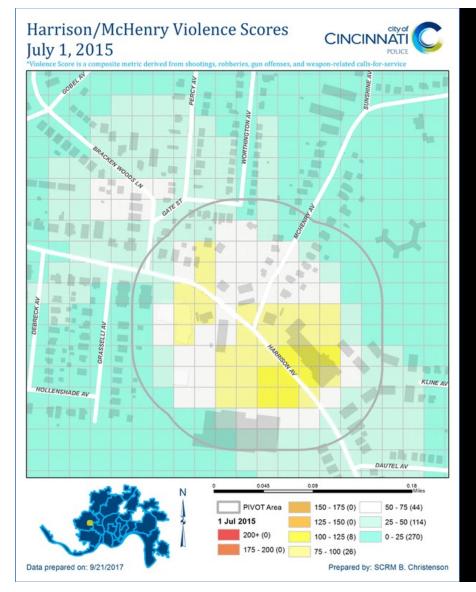
<ul><li>Illegal dice games</li><li>Unsecured dumpster</li></ul>	Fire department
<ul><li>Accessible illegal guns</li><li>Unkept grass, Abandoned property</li></ul>	Buildings/Inspections
Non-resident Vehicles as Barricades <ul> <li>Lack of parking restrictions</li> </ul>	Traffic/Engineering
Loitering/Intimidation <ul> <li>Unmanaged parking lots</li> </ul>	City Solicitor



Site #1: East Westwood

#### **Overall Trends**

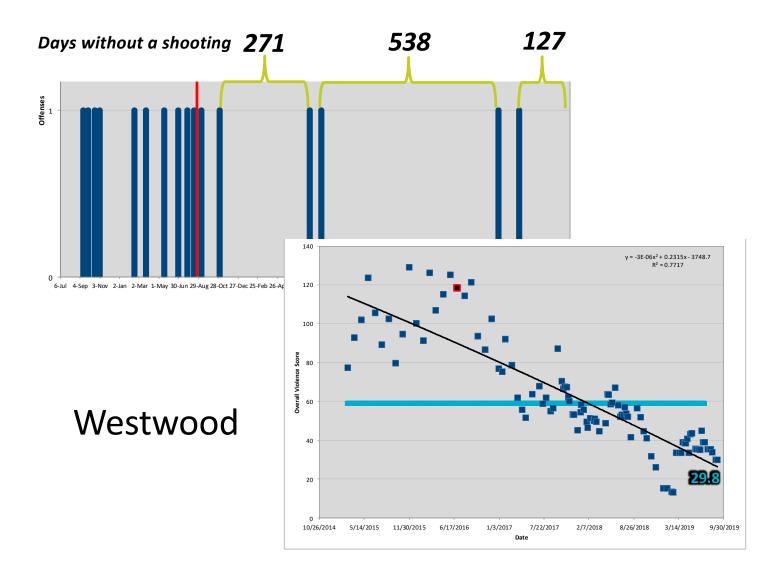
Rest of city = - **8.7%** E. Westwood = - **88.9%** 



Site #2: Westwood

#### **Overall Trends**

Rest of city = - **7.9%** Westwood = - **71.4%** 



#### Las Vegas Metropolitan Police Department

- TargetAssault w/Deadly Weapon
- **Crimes** Battery (excluding misdemeanor)
  - Home Invasion
  - Murder (attempt)
  - Robbery (attempt)
  - Shooting

**PIVOT OPERATION 3 PIVOT OPERATION 4 PIVOT OPERATION 1 PIVOT OPERATION 2 PIVOT OPERATION 6 PIVOT OPERATION 7 PIVOT OPERATION 5 PIVOT OPERATION 8 PIVOT OPERATION 9 PIVOT OPERATION 10 PIVOT GUN STATS** • 15 Guns **14 PPPFA Charges** • 1 CCW Charge • & 4 of them Stolen

Post implementation evaluation period: May 1, 2018 – April 30, 2019

> **39.13%** Gun-related offenses

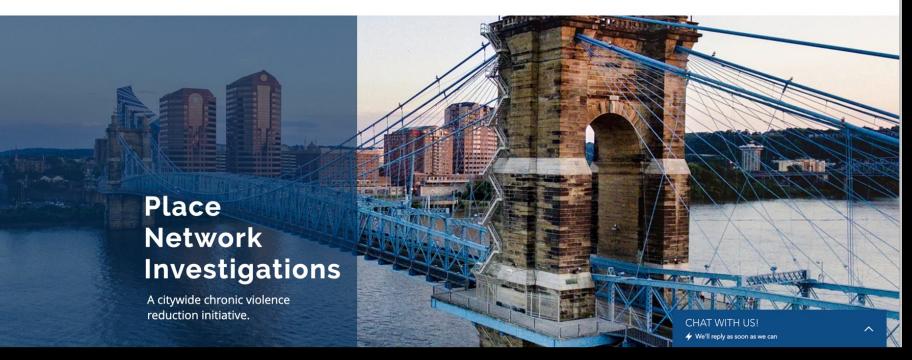
# Lessons Learned

- We can achieve sustainable violence reductions in persistent and historically violent by changing crime place network dynamics
- A holistic governance approach is more effective (efficient and ethical) than enforcement alone, and garners strong community support
- P.N.I. offers a new way to approach public safety
  - Redefines the role of police
  - Maximizes the impact of local government resources



OVERVIEW AGENCIES RESOURCES PORTAL





#### www.placenetworkinvestigations.com





