## Appendix

- Opioid-related Fatal Overdoses Dr. Chikarlo Leak,
   OCME
- II. Opioid Trends in The District Dr. Jenifer Smith, DFS
- III. LIVE. LONG. DC. Social Marketing Campaign Michael Bento, Engage Strategies
  - IV. Recommendations for Addressing the Opioid Crisis in DC, Frances McGaffey and Saman Rouhani Pew Charitable Trusts

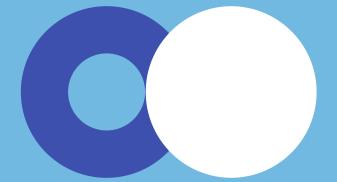
# Snapshot of Fatal Opioid Overdoses in the District of Columbia





**Trends in Fatal Overdoses** 

- Illicit and Prescription Drugs
- Demographics
- Jurisdiction of Residence

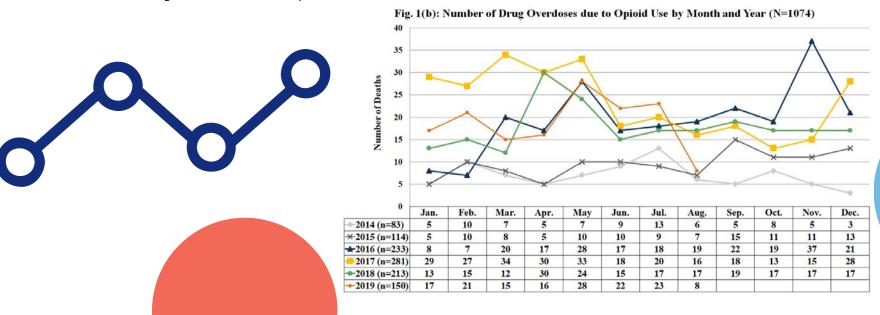


## Office of the Chief Medical Examiner

The DC Office of the Chief Medical Examiner (OCME) has investigated a total of 1074 opioid-related fatal overdose from January 2014 to August 2019.

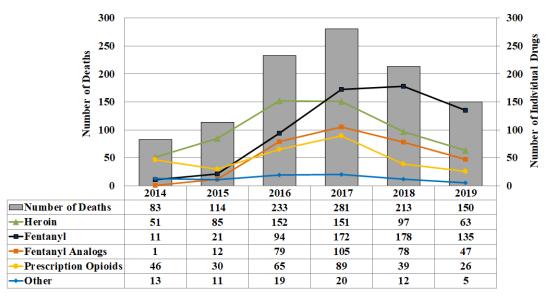
## TRENDS IN NUMBER OF FATAL OVERDOSES DUE TO OPIOID USE

From 2017 to 2018, we saw a decrease in average numbers of opioid overdoses per month, from 23 to 18. In the first half of 2019 however, there have been an average 20 fatal overdoses per month, an increase from 2018.



## TRENDS IN THE NUMBERS OF OPIOID DRUGS CONTRIBUTING TO FATAL OVERDOSES

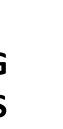
Fig. 2(b): Total Number of Opioid Drugs Contributing to Drug Overdoses by Year (All Opioids)

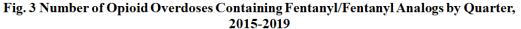


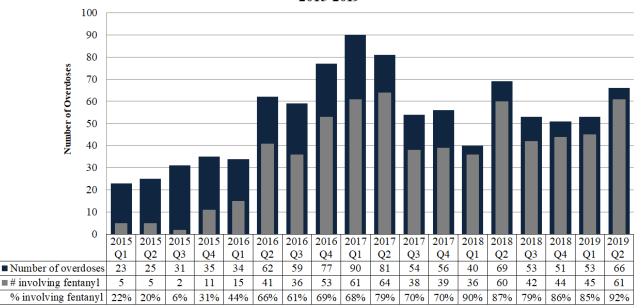
Overall, the most prevalent drugs identified were fentanyl followed by heroin.



## FATAL OVERDOSES CONTAINING FENTANYL/FENTANYL ANALOGS

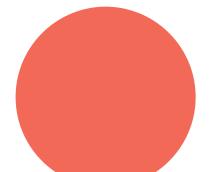






The percentage of cases containing fentanyl or a fentanyl analog has gradually increased since 2015.

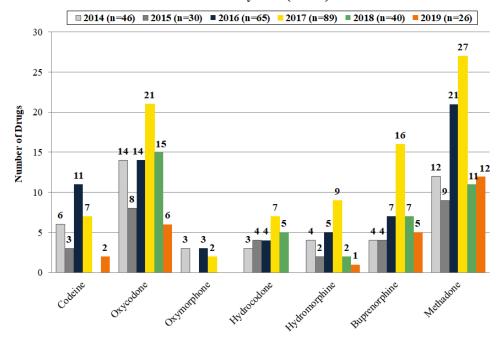
• 63% in 2016 to 85% in 2019



# TRENDS IN PRESCRIPTION OPIOIDS IN FATAL OVERDOSES

The number of prescription opioids found in opioid related overdoses has varied over the years of data collection, however methadone and oxycodone are currently the most prevalent prescription opioids identified.

Fig. 4: Number of Prescription Opioids Contributing to Drug Overdoses by Year (n=296)







73%

of the decedents are males

78%

of the decedents are between the ages of 40-69

82%

of the decedents are African

American

#### **Demographic Figures**

Fig. 5: Drug Overdoses due to Opioid Use by Age Number of Deaths 250 200 150 100 20-29 16-19 30-39 40-49 50-59 70-79 80-89 <16 60-69 

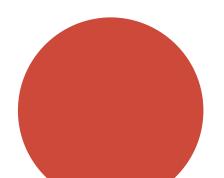


Figure 7: Percentage of Drug Overdoses due to Opioid Use by Gender and Year

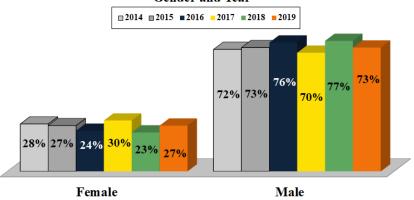
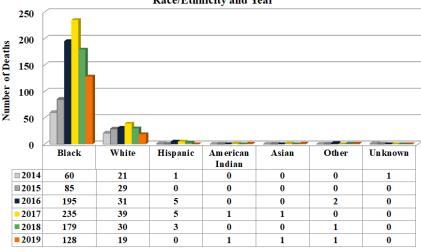
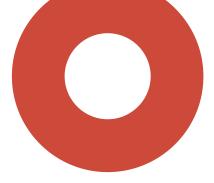
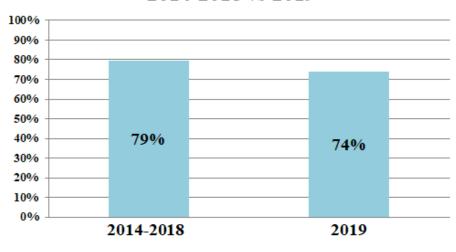


Fig. 6: Number of Drug Overdoses due to Opioid Use by Race/Ethnicity and Year



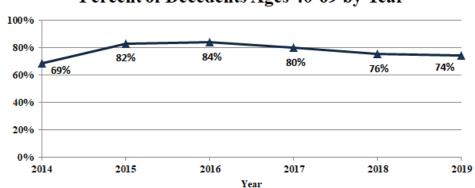


### Percent of Decendents Ages 40-69: 2014-2018 vs 2019



## TRENDS IN DECEDENTS AGES 40-69

#### Percent of Decedents Ages 40-69 by Year



### JURISDICTION OF RESIDENCE

The majority of decedents were residents of DC. Within DC, pioid related fatal overdoses were most prevalent in Wards 7 &

8

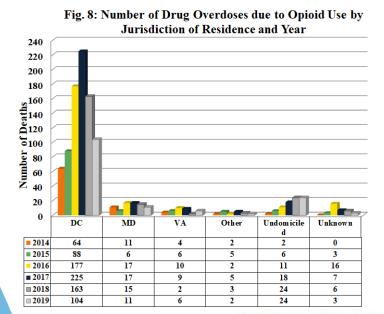
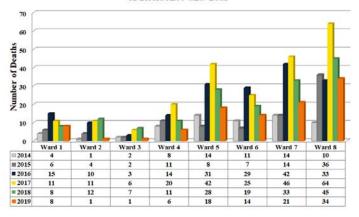
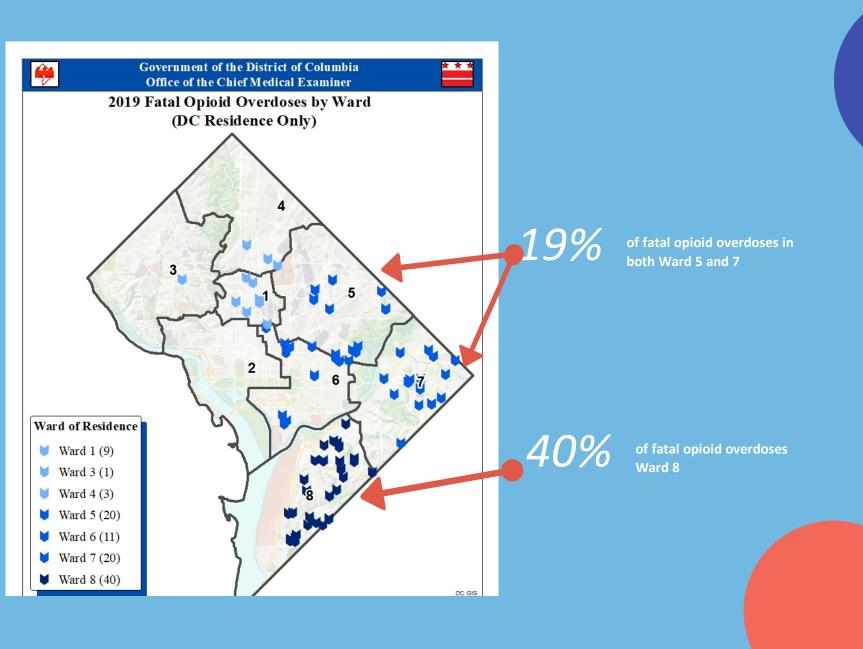


Fig. 9: Number of Drug Overdoses due to Opioid Use by Ward of Residence and Year







Forensic Science Laboratory | Public Health Laboratory | Crime Scene Sciences

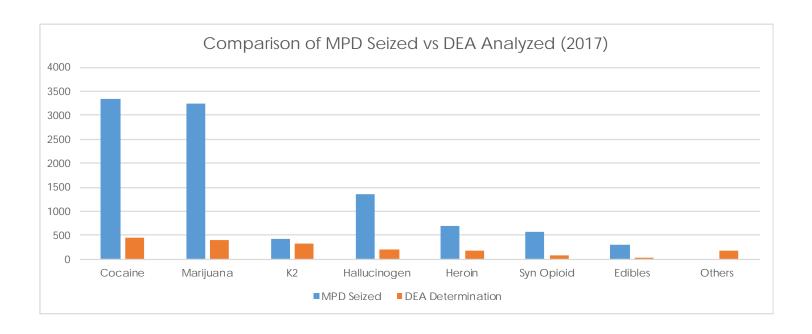
## OPIOID TRENDS IN THE DISTRICT

OCTOBER 30<sup>th</sup>, 2019





### MPD EXHIBITS 2017



In total, about 19% are tested by DEA lab (6 chemists, 1 instrumentalist, 1 evidence tech) (About 26 – 30% time to testimony)

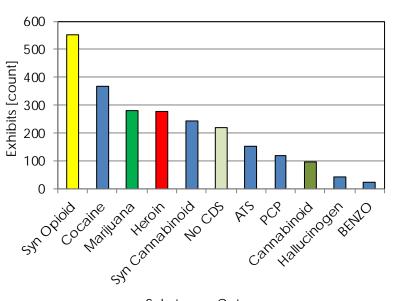
(MPD Statistics estimated from subsample of 450 exhibits from Feb to April, 2017) (DEA Statistics are 100% sampling over 2.5yrs)





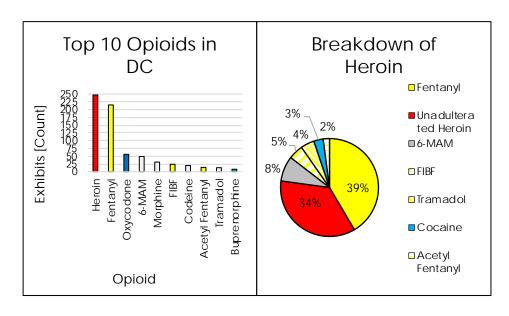
## RECENT CDS TRENDS (FY 2019)

#### Exhibits Tested (>20 items)



#### **Substance Category**

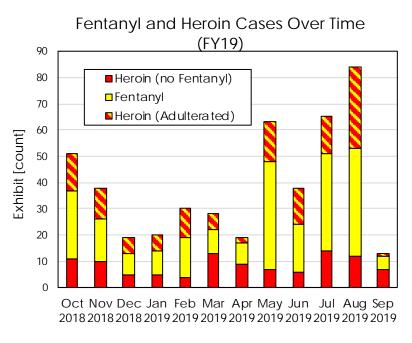
#### Opioid Items Tested

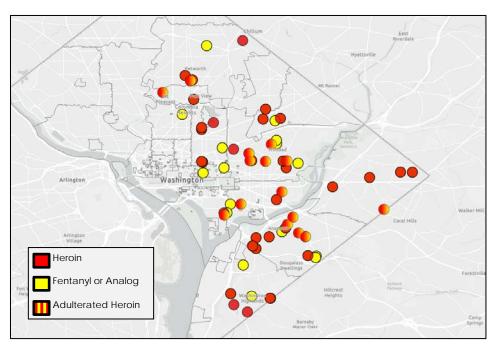






## SURVEILLANCE PROGRAM: SYNTHETIC OPIOIDS



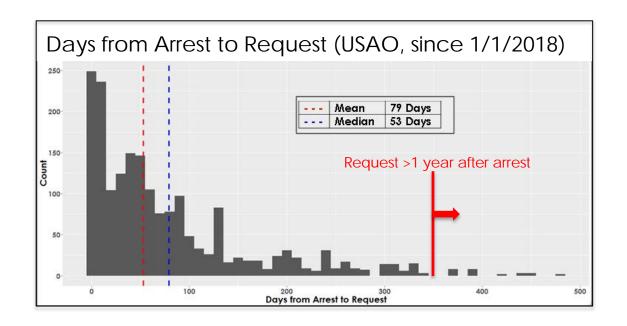


Month Year

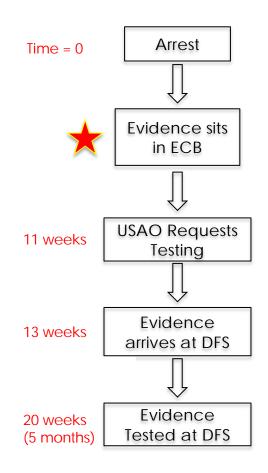




### STANDARD CASE RESPONSE



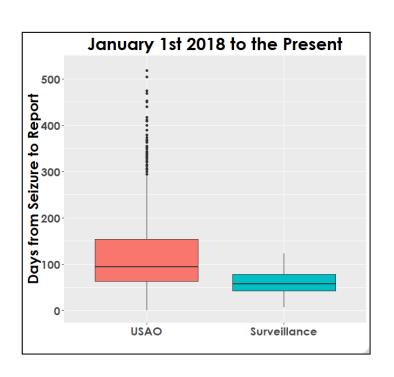
- Average time from arrest to typical request is 79 days (11 weeks)
- Typical time for receiving evidence is about 14 days (2 weeks)
- Typical TAT for case is about 45 days (6.5 weeks)
- Total time from arrest to expected reporting: 138 days, or <u>5 months</u>

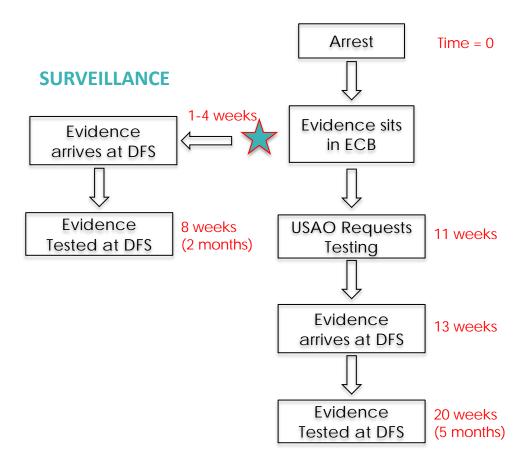






## SURVEILLANCE ACCELERATES RESPONSE









## SURVEILLANCE ACCELERATES RESPONSE

#### JUNE SURVEILLANCE

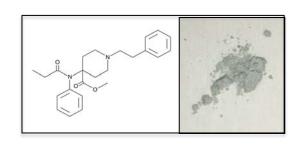
## | 2019 JUNE | SAIT | 1 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 |

#### **RECEIVE /TESTING**









- Notified DFS, FEMS, OCME, DCHealth
- Intel Release (NTIC)

NO TESTING REQUEST RECEIVED (CAN BE UP TO 1 YEAR)

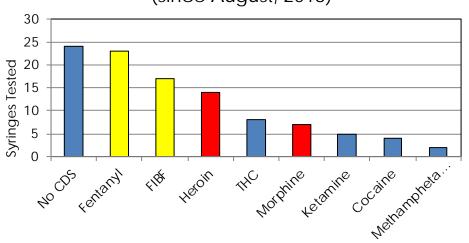


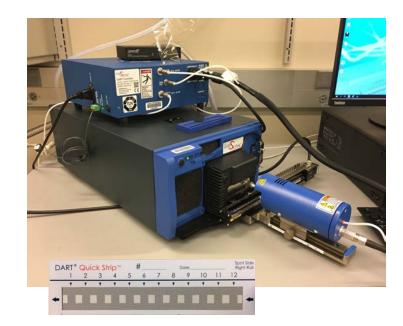


### SYRINGE SURVEILLANCE

- Syringe surveillance since 2018 (OCME)
- Expanding to needle exchange (with Grubbs NW)

Syringe Surveillance (since August, 2018)





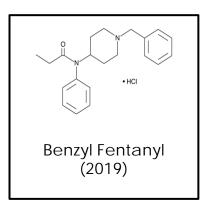


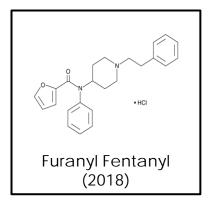


## SURVEILLANCE PROGRAM: SYNTHETIC OPIOIDS

- Funding from CDC for Opioid Surveillance Lab (2019-2022)
- Several new discoveries of new opioids in the District
  - o N-benzyl Furanyl norfentanyl (October, 2019)
  - o Carfentanil (August, 2019)
  - o Benzyl Fentanyl (January, 2019)
  - Despropionyl ortho-fluorofentanyl (December, 2018)
  - o U-51754 (November, 2018)
  - o Para-fluorosobutyryl Fentanyl, PFIBF (July, 2018)
  - Cyclopropyl Fentanyl (August, 2018)
  - Methoxy Acetyl Fentanyl (November, 2017)
  - o U-47700 (May, 2017)
  - Furanyl Fentanyl (May, 2017)

Routine Casework Surveillance Samples (MPD) Syringe Surveillance (OCME)

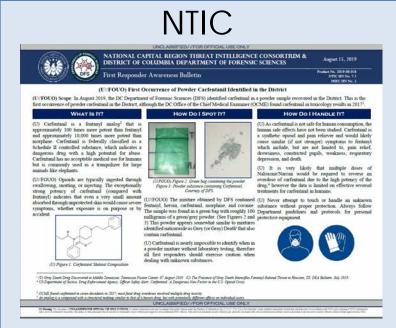








### OUTREACH



- Permanent Embedded NTIC Personnel with FIU
- 2. FCU now has presence in NTIC and for intel outreach
- 3. Carfentanil Intel product
- Vaping Working on intel product

#### OAG (SAFE DC V. 3)



- Synthetic Cathinones New additions
- Synthetic Cannabimimetic Agents (SCA) – No changes
- Synthetic Opioids New category / additions

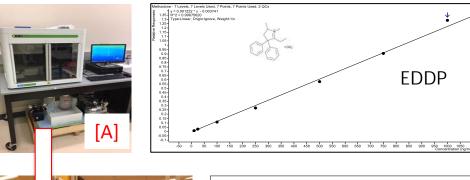


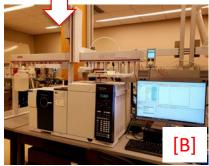


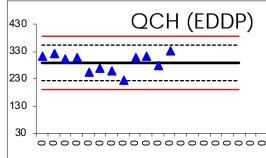


### DEVELOPING CLINICAL TOX









CTU Team (Clinical Drug Monitoring): (left to right):
Olin Jackson, Dr. Justin Jacob,
Glen Taylor, and Abigail Meyer

Methadone and EDDP Quantitation (Urine)

[A] Solid Phase Extraction

[B] GC-MS Analysis (D3-EDDP ISTD)

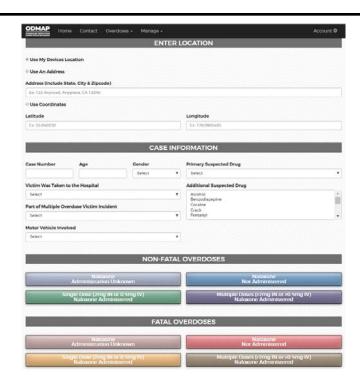




### DC JOINS ODMAP







- ODMAP alerts users when an overdose spike occurs in real time, allowing for a rapid response strategy.
- Start soon: FEMS data inputted in middle November
- Plan: DC PHL to be pilot lab for lab-based data (8 months to year)





### THANK YOU!



The DC Department of Forensic Sciences







October 30, 2019



## Campaign Fundamentals\*

#### **PUBLIC HEALTH GOAL and Objective**

- Reduced opioid use, misuse, and related deaths through the use of social marketing.
  - Opioid related deaths reduced by 50% by 2020

#### **PUBLIC EDUCATION GOAL**

Reduced stigma and skepticism about treatment ("MAT works") and recovery ("recovery is possible").

#### **SOCIAL MARKETING GOALS**

#### Phase 1 (Current)

- Increased use of DC opioid addiction treatment services
   Awareness among
- Awareness among stakeholders about availability of DC opioid addiction treatment services

#### Phase 2

Increased use of harm reduction strategies (e.g., using together, using test strips, carrying Naloxone)

#### Phase 3

 Increased number of users who are moving from treatment into recovery in DC

#### Phase 4

Reduced number of atrisk individuals who start using opioids



<sup>\*</sup> Campaign fundamentals based on the Transtheoretical Model (Stages of Change) of Behavior Change and Social-Ecological Model.

#### Primary Audience: Heroin and other opioid users

Phase 1 (Current)	Phase 2	Phase 3	Phase 4
<ul> <li>Active heroin users who are ready to seek treatment. This audience segment tends to be</li> <li>older, African American male</li> <li>Have been using for more than 10 years</li> <li>Clustered in</li> </ul>	<ul> <li>Active heroin users who are ready to adopt harm reduction strategies</li> </ul>	<ul> <li>Former heroin         users who are in         treatment and         are ready to         move into         recovery</li> </ul>	<ul> <li>Individuals who are at risk of using opioids</li> </ul>
Wards 5,7, and 8			FNGΔG

#### Secondary Audiences: DC Residents

Phase 1 (Current)	Phase 2	Phase 3	Phase 4
<ul> <li>Professionals and community partner leadership and staff who can support active users seeking treatment services</li> <li>Stakeholders who have a vested interest in reducing opioid-related deaths within DC</li> </ul>	community partner leadership and staff who can support active users who adopt harm reduction strategies	Friends and family of former heroin users who are in treatment and moving into recovery	TBD



## Phase 1 Strategies

Tell

Encourage

Equip

Educate

Inform

- Tell real stories about drug use, treatment, and recovery to address stigma and
- Ekepticisgn.active heroin users to seek treatment through the HelpLine (1-888-793-4357) or visit the
- Assessment and Referral Equip professionals who interact with active heroin users to encourage active users who are ready to call
- HelpLine or visit the ARC Educate audiences about the type and success rates of treatment options (MAT,
- counseling, etc.)
   Inform stakeholders about the DC resources and efforts by placing campaign messages and materials in channels they access.



Channel	Active Users Who	Professionals and Community Partners	Stakeholders
Advertising	Are Ready Outdoor, primarily transit and shelter ads	Paid radio (ex. WHUR, WAMU)	Paid radio (ex. WHUR, WAMU)
(Traditional & Digital)	Paid print, primarily community newspaper	Outdoor, primarily transit and shelter ads in other	Outdoor, primarily transit and shelter ads in other
	Paid radio, (ex. Radio One & WHUR).	wards	wards
	Paid inhouse ads (CVS, grocery, etc.)	Paid digital (google, facebook, popville, dcist)	Paid digital (google, facebook, popville, dcist)
Print Materials	Posters, flyers, palm cards	Hand-delivered marketing kits with accompanying instructions and training and TA	Fact sheets, policy briefs, infographics
		Communication kits for use in organization's strategic communication activities	
In person	Via outreach workers	Presentation(s) to Opioid Working Group	Presentation(s) to community and neighborhood group meetings
Social Media	Digital storytelling	Content via DC Government and DC Opioid Working Group Twitter, Facebook, and Instagram accounts	Content via DC Government and DC Opioid Working Group Twitter, Facebook, and Instagram accounts
Web	Online testimonials from callers to helpline and patrons of ARC	Enhance LLDC website	Number of calls "ticker" on website
	Digital storytelling		
Earned Media	Media releases and matte articles, especially to free local papers	Trade publications for Federally Qualified Health Clinics, food banks, and shelters	Media release
			Radio media tour featuring Dr Bazron
	Recovery spokespeople	Recovery spokespeople	Recovery spokespeople
Special Events	Popups at clinics, food banks, and shelters	Hosting or participation in popups at clinics, food	
	Digital storytelling	banks, and shelters to hand out palm cards	
SMS (Text Messaging)	Texting service to find closest treatment clinic / nalozone		
	Peer educators	Visits from outreach workers to deliver posters, palm	Presentation to council, neighborhood, and other
Community Engagement	Outreach workers (purple shirts) on the streets in the target wards handing out brochures and palm cards	cards, and brochures	policymaking bodies  Community forums
	Stencils on the sidewalk		
			ENGAGE

Strategies

#### Campaign Concept 1 – I'm Ready

- Model positive behavior around harm reduction, treatment and recovery by having real people own the phrase "I'm Ready"
  - Address and overcome barriers to harm reduction, treatment and recovery by varying the refrain to "I'm Ready"
    - I'm ready to stop chasing it. I'm ready to stay stopped. I'm ready to try again.
- Illustrate how DC has a continuum of resources ready to help individuals overcome their addiction when they're ready
- Real quotes by real people, but identified only by first name, initials, neighborhood





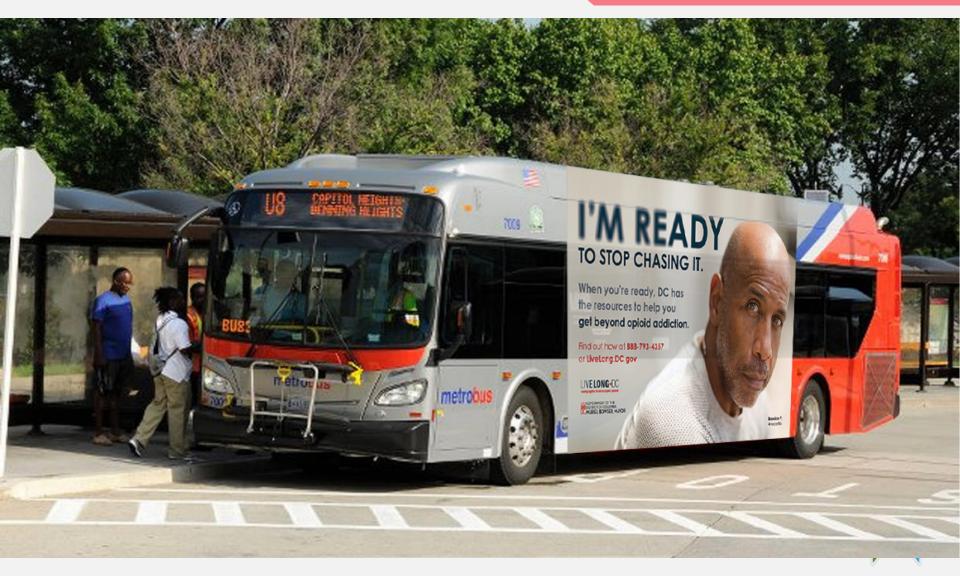




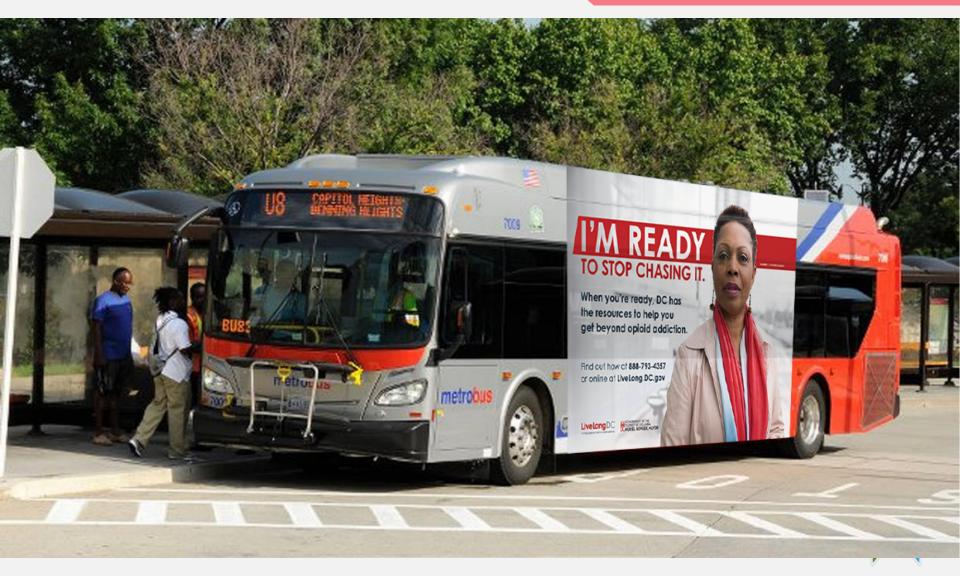


















**Strategies** 

#### <u>I'm Ready – Next Phase</u>

- "I'm Ready" to help
  - Profiles of individuals poised to help, conveying the range and depth of DC's commitment
    - DBH Peer Counselor: I'm Ready to help you take back control of your life.
    - FEMS EMT: I'm Ready to help you survive an overdose
    - Grubb's Pharmacist: I'm Ready to give you a naloxone kit to keep you safe
    - Bishop Owens, Greater Mount Calvary: I'm Ready to support families who have a loved one struggling with addiction
    - Unity Healthcare Doc: I'm Ready to provide comprehensive healthcare for people in recovery
    - Oxford House Resident: I'm Ready to welcome you to live with us as we recover together.

Strategies

#### <u>Campaign Concept 2 – LiveLong Moments</u>

- Drawing from successful campaigns like It Gets Better, Be Here for the Cure, and pharma advertising for chronic conditions, give users concrete and achievable visions of what treatment and recovery could be like
- Using personal and iconic images of Washington DC moments, with particular emphasis on places and experiences relevant to the target audience, make tangible the reasons to "Live"
  - To enjoy a half-smoke at Ben's, to go fishing in the Anacostia, to watch the Goodman League basketball games, to enjoy a concert at Fort Dupont, etc.

















#### **Phased Campaign Rollout**

- Phase I November 15
  - Advertising focused directly on opioid users
  - Broad placement across all eight wards
- Phase II
  - Full social marketing campaign deployment
    - Earned and sponsored media, events, merchandise, street stencils, text, web, social, etc.
  - Additional audiences added, i.e. friends and family to address stigma



#### **Discussion**

- Identifying stories/content for Phase II
- Building the LIVE. LONG. DC brand



Saving lives from the opioid epidemic





# Pew Recommendations for Addressing the Opioid Crisis in DC

October 2019

### **About Pew**

Pew is an independent nonprofit, nonpartisan research and policy organization. Through its Substance Use Prevention and Treatment Initiative, Pew works to advance state and federal policies that address the toll of substance misuse, including expanded access to evidence-based treatment.

Pew's work in DC is funded by a grant from the Bloomberg Philanthropies.



### Our work in DC

## Thank you!

### Our work in DC

#### Four roundtables



Lived Experience



**Primary Care** 



Mental Health Providers



SUD Treatment Providers

### Our work in DC

### 100+ Meetings





### Goal

The District of Columbia has a high quality, easy to access, integrated public opioid use disorder (OUD) treatment system which addresses the changing needs of the whole person and supports recovery.

- How should consumers access the treatment system?
- How should the District coordinate care and support care transitions?
- How can the District ensure quality treatment is provided?
- Knowing not everyone is ready for treatment, how can DC mitigate the harms of using opioids?
- How can the District support recovery?

# Accessing the treatment system

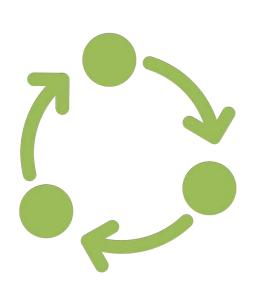
DC actively works to engage people with OUD in treatment - including hardto-reach populations. When they're ready, patients can access appropriate care immediately and with as few financial or administrative barriers as possible.



# Accessing the treatment system - Recommendations

- 1. No wrong door
- 2. Coordinated outreach services
- 3. 24/7 access to care

# Integrating care and supporting care transitions



People with substance use disorders receive support in addressing their health needs across multiple domains mental health, substance use disorder treatment, physical health care, and social determinants of health. As their treatment needs change, they can seamlessly access the appropriate type of care.

# Integrating care and supporting care transitions - Recommendations

- 1. Develop a care coordination approach
- 2. Facilitate data sharing
- 3. Integrate primary care into methadone treatment
- 4. Make it easier to provide co-occurring services

### **Ensuring Quality**

**OUD** treatment services at the system and provider level are high quality, defined as care that is safe, effective, patientcentered, timely, efficient, and equitable.



## **Ensuring Quality - Recommendations**

 Require residential SUD treatment facilities to offer medications for OUD onsite

### Reducing harm



Realizing not all SUD patients may be ready for treatment, DC pursues policies that mitigate the adverse impacts of prolonged drug use. By meeting individuals where they are at and giving them agency during their treatment, these approaches promote compassion as well as prolonging and saving lives.

# Reducing harm - Recommendations

- 1. Add bystander protections to the Good Samaritan Law to encourage calling 911
- 2. Make it easier for community based organizations to distribute naloxone

### Supporting recovery

People with OUD receive support for their recovery through a treatment system which addresses their individual needs, including social determinants of health, so they can reach their full potential.



### Supporting recovery

1. Incentivize new private sector partners to contribute to developing housing and reducing homelessness.



### Questions?

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Saman Rouhani: srouhani@pewtrusts.org