

ATTC Addiction

C Addiction Technology Transfer Center Network



Northwest ATTC presents: Becoming a Harm Reductionist

Thank you for joining us! The webinar will begin shortly.

- Participants are automatically muted during this presentation
- **Got questions?** Type them into the chat box at any time and they will be answered at the end of the presentation.
- An ADA-compliant recording of this presentation will be made available on our website at: <u>http://attcnetwork.org/northwest</u>





Questions? Please type them in the chat box!







Look for our surveys in your inbox!

We greatly appreciate your feedback!

Every survey we receive helps us improve and continue offering our programs.

It only takes **1 minute** to complete!







Certificates of Attendance are available for live viewers!



Viewing Groups:

Please send each individual's name and email address to northwest@attcnetwork.org within 1 business day.

Your certificate will be emailed within a week to the address you registered with.



Becoming a Harm Reductionist

Callan Elswick Fockele, MD, MS Acting Instructor and Population Health Research Fellow Department of Emergency Medicine University of Washington

Tribal Land Acknowledgement

In applying a lens of cultural humility to issues of diversity, equity, and inclusion, Northwest ATTC offers this land acknowledgement for today's event.

Our work intends to reach the addiction workforce in HHS Region 10: Alaska, Idaho, Oregon, and Washington. This area rests on traditional territories of many indigenous nations, including tribal groups with whom the United States signed treaties prior to the granting of statehoods.

Please join us in support of efforts to affirm tribal sovereignty and in displaying respect and gratitude for our indigenous neighbors.











Agenda

- Case
- King County ED Learning Collaborative
- ED Programs
- First Responder Programs
- Council of Expert Advisors on Drug Use (CEADU)
- Co-design Methods
- Recent Legislation
- Research Launch







EMERGENCY

A Main Hospital Entry





P3

Patricia Steel Garage



TOXICOLOGY/BRIEF RESEARCH REPORT

One-Year Mortality of Patients After Emergency Department Treatment for Nonfatal Opioid Overdose

Scott G. Weiner, MD, MPH*; Olesya Baker, PhD; Dana Bernson, MPH; Jeremiah D. Schuur, MD, MHS





Drug and Alcohol Dependence Volume 204, 1 November 2019, 107537



Touchpoints – Opportunities to predict and prevent opioid overdose: A cohort study

Marc R. Larochelle ^a A Ø, Ryan Bernstein ^a, Dana Bernson ^b, Thomas Land ^c, Thomas J. Stopka ^d, Adam J. Rose ^e, Monica Bharel ^b, Jane M. Liebschutz ^f, Alexander Y. Walley ^{a, b}

Outcome = Opioid Overdose Death Massachusetts residents > 11 years old linked to 8 state 12-month historical exposure window to governmental agency assess for touchpoint exposure datasets **Opioid Prescription Critical Encounter** 13-fold 66-fold **个** Touchpoints Touchpoints **Opioid detoxification** High dosage Nonfatal opioid overdose Benzodiazepine co-prescribing Multiple prescribers Injection-related infection Release from incarceration Multiple pharmacies

Encounters with EMS Prior to Fatal Overdose:

An Opportunity to Intervene?

Allison Rollins¹, Leslie Barnard², Mauricio Sadinle³, Richard Harruff², Catherine Counts¹, Thomas Rea^{1,4}, Julia Hood^{2,3} ¹University of Washington School of Medicine ²Public Health: Seattle & King County
³University of Washington School of Public Health ⁴King County Emergency Medical Services

- Retrospective cohort study conducted of all King County residents who had a fatal overdose in 2018
- Evaluated the frequency of emergency medical services (EMS) involvement in the year prior to an overdose death and characterized their interactions
- 40% had at least 1 EMS encounter in the year prior to overdose, 37% of whom received EMS services within a month of death
- 63% with an EMS encounter had at least 1 encounter presenting with drug/alcohol use, 36% of these had this type of encounter within a month of death
- Nearly 90% of all encounters received basic life support care only, and 19% were not transported



2021 Confirmed OD Deaths: 60676% opioid related

34 King County residents died from fentanyl drug overdose in July





Fentanyl Deaths: • 2021: 333** • 2020: 177 • 2019: 113 **72% of opioid-related deaths

U.S. Drug-Involved Overdose Deaths Number Among All Ages, 1999-2019





NATIONAL

HARM REDUCTION

COALITION



Is a set of practical strategies and ideas aimed at reducing negative consequences associated with drug use.

Is a **movement for social justice** built on a belief in, and respect for, the rights of people who use drugs.

Establishes quality of individual and community life and well-being—not necessarily cessation of all drug use—as the criteria for successful interventions and policies.

Understands drug use as a complex, multi-faceted phenomenon that encompasses a continuum of behaviors from severe use to total abstinence and acknowledges that some ways of using drugs are clearly safer than others.

KING COUNTY ED OPIOID LEARNING COLLABORATIVE

Medications for opioid use disorder are the gold standard.



Opioid Agonist Therapy (Methadone and Buprenorphine)



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DEPARTMENT OF EMERGENCY MEDICINE Article Published: 22 June 2018

Effects of medication-assisted treatment on mortality among opioids users: a systematic review and meta-analysis

Jun Ma, Yan-Ping Bao ⊠, Ru-Jia Wang, Meng-Fan Su, Mo-Xuan Liu, Jin-Qiao Li, Louisa Degenhardt, Michael Farrell, Frederic C. Blow, Mark Ilgen, Jie Shi ⊠ & Lin Lu ⊠

Molecular Psychiatry 24, 1868-1883(2019) Cite this article





French Field Experience with Buprenorphine

Marc Auriacombe M.D., M.Sc. 🗙, Mélina Fatséas M.D., M.Ph., Jacques Dubernet M.D., Jean-Pierre Daulouède M.D., Jean Tignol M.D.



- All physicians allowed to prescribe buprenorphine without any special education or licensing since 1995
- More than 8 years later . . .
 - 10x more patients on buprenorphine than methadone
 - Fatal opioid overdose deaths have declined by **79%**

Original Investigation

Emergency Department-Initiated Buprenorphine/Naloxone Treatment for Opioid Dependence A Randomized Clinical Trial

Gail D'Onofrio, MD, MS; Patrick G. O'Connor, MD, MPH; Michael V. Pantalon, PhD; Marek C. Chawarski, PhD;



$\mathsf{PROBLEM} \xrightarrow{} \mathsf{INTERVENTION}$





MENTOR-FACILITATED TRAINING AWARD IN SUBSTANCE USE DISORDERS SCIENCE DISSEMINATION

The overarching goal of this project is to promote the dissemination and adoption of evidence-based treatment practices around EDinitiated buprenorphine for OUD in King County, Washington.





GRANT AIMS



(1) Implement a
 standing work group
 of emergency
 departments

(2) Develop a **referral system** for warm handoffs

JOURNAL OF THE AMERICAN COLLEGE OF EMERGENCY PHYSICIANS OPEN

<u>J Am Coll Emerg Physicians Open.</u> 2021 Apr; 2(2): e12408. Published online 2021 Mar 23. doi: <u>10.1002/emp2.12408</u> PMCID: PMC7987236 PMID: <u>33778807</u>

Improving transitions of care for patients initiated on buprenorphine for opioid use disorder from the emergency departments in King County, Washington

Callan Elswick Fockele, MD, MS, ^[0] ¹ ⁺ <u>Herbert C. Duber</u>, MD, MPH, ¹ <u>Brad Finegood</u>, MA, LMHC, ² <u>Sophie C. Morse</u>, BA, BS, ¹ and <u>Lauren K. Whiteside</u>, MD ¹

Emergency Department No afterhours Environmental Few patients in "This isn't my instability acute scheduling job" withdrawal No streamlined Loss to Limited throughput Lack of x-Follow-up experience of waivered success. Referral providers Incoordination High no show Patient distrust Prescribing rate No open Capacity communication Scope of Practice "Clock is ticking" Unsustainable for clinics "Here's a Skepticism of handout" ED knowledge

Outpatient Clinics

ED PROGRAMS

Open Access

Trauma Surgery

Review

The history of Harborview Medical Center and the & Acute Care Open Washington State Trauma System

Eileen M Bulger, 1 Janet Griffith Kastl, 2 Ronald V Maier1





VERSUS



Anyone, Anything, Anytime, 24/7/365

- Buprenorphine prescription
 - HIV/HCV testing
 - Naloxone distribution
- Safe injection/inhalation gear distribution

Patchwork of times and places

Recognition of patients with opioid use disorder



Original Investigation

July 12, 2010

A Single-Question Screening Test for Drug Use in Primary Care

Peter C. Smith, MD, MSc; Susan M. Schmidt, BA; Donald Allensworth-Davies, MSc; et al

» Author Affiliations | Article Information

Arch Intern Med. 2010;170(13):1155-1160. doi:10.1001/archinternmed.2010.140

DSM-5 Criteria for Opioid Use Disorder

Category	Criteria
Impaired Control	 Opioids used in larger amounts, or for longer than intended Unsuccessful efforts or desire to cut back Excessive amount of time spent obtaining, using or recovering from use Craving to use Opioids
Social Impairment	 Failure to fulfill major role obligations at work/school/home as a result of recurrent use Persistent or recurrent social or interpersonal problems that are exacerbated by opioids Reduced or given up important activities because of opioid use
Risky Use	 Opioid use in physically hazardous situations Continued opioid use despite knowledge of persistent physical or psychological problem that is likely caused by opioid use
Physiologic Properties*	 Tolerance as demonstrated by increased amounts needed to achieve desird effect Withdrawl

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Emergency Department Documentation

This is a ***-year-old M/F with hx of IV/smoking/muscling opioids x *** years who presents with ***

History with patient reporting:

- Cravings, desire to cut back
- Social/interpersonal problems from opioid use disorder (e.g., jail, homelessness)
- Risky behaviors (e.g., sharing needles)
- Tolerance, withdrawal

Physical exam with evidence of IVDU

Diagnosis of opioid use disorder, prescribed buprenorphine

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Opioid withdrawal? YES **N** Acute liver failure? Pregnant \geq 20 weeks? NO 🍁 Methadone > 48 hrs? Other opioids > 12 hours? YES 🖤 4-8 mg SL BUP 1 HOUR Improvement? YES 🖤 More 4-8 mg SL BUP? Prescribe naloxone & BUP **Consult SW Place referral**











HMC ED has distributed 200 takehome kits since the program launched in October 2020 We had FREE naloxone in the Pyxis (donated by WA DOH).

Providers ask nurses to pull it for any patient without a prescription or order.

Give the naloxone kit and a resource folder.

"Now that you have this, where will you put it and who are you going to tell?"











EMERGENCY

A Main Hospital Entry





P3

Patricia Steel Garage MM is a 41-year-old man with history of **IV drug use** who presents with suspected **heroin overdose**.

He was **released from jail** this morning and injected what he thought was some leftover **heroin** upon return to his mother's house **after 18 days without any use**.

His **mother** found him unresponsive and **administered 4 mg of intranasal Narcan** prior to calling 911.

Upon arrival, the patient is **asymptomatic** and not 100% sure what exactly he injected earlier today. He reports that he has previously used methamphetamine and heroin concurrently.

Underwent HIV testing → Discharged with prescriptions for naloxone and buprenorphine and a follow-up appointment at the After Care Clinic.

He followed-up at the After Care Clinic, referred to the OBOT Clinic, and continued on buprenorphine.

FIRST RESPONDER PROGRAMS







Taylor & Francis Taylor & Francis Group

Taylor & Francis

Taylor & Francis Group

Buprenorphine Field Initiation of ReScue Treatment by Emergency Medical Services (Bupe FIRST EMS): A Case Series

Gerard G. Carroll, MD FAAEM EMT-P, Deena D. Wasserman, MD FAWM, Aman A. Shah, MD, Matthew S. Salzman, MD, Kaitlan E. Baston, MD MSc DFASAM, Rick A. Rohrbach, BSN CFRN CCRN-K MICP, Iris L. Jones, MA LPC, LCADC, and Rachel Haroz, MD, FAACT

PREHOSPITAL EMERGENCY CARE 2021, VOL. JUST-ACCEPTED, NO. JUST-ACCEPTED, 1-6 https://doi-org.offcampus.lib.washington.edu/10.1080/10903127.2021.1977440

Prehospital Initiation of Buprenorphine Treatment for Opioid Use Disorder by Paramedics

H. Gene Hern, MD, MS^a, David Goldstein, MD^b, M Kalmin, PhD^c, S Kidane, MD^b, S Shoptaw, PhD^c, Ori Tzvieli, MD^d, and Andrew A Herring, MD^a

^a Alameda Health System, Highland Hospital, Emergency Medicine, Oakland, CA; ^b Emergency Medical Services, Contra Costa County, California; ^c UCLA Center for Behavioral and Addiction Medicine, Los Angeles, CA; ^d Public Health Agency, Contra Costa County, California











- Facilitate low-barrier access to addiction treatment
- Meet a Public Safety Officer
- Connect to a mobile crisis response team
- Rolled out across the country





City & County of San Francisco Street Overdose Response Team



- Includes a community paramedic, a street medicine clinician, and peer counselors
- Will have 24/7 coverage to respond immediately after an overdose and again 72-hours later
- Provide naloxone kits, buprenorphine, supportive housing, and guidance getting treatment and shelter



- Work in partnership with the police department in Eugene, Oregon
- Composed of an EMT and a crisis intervention worker
- Respond to ~20% total public safety call volume
- 60% of their contacts are unhoused
- Saves the city ~\$8.5 million/year
- Recently introduced the CAHOOTS Act to expand access across the state

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- Provide non-emergency medical services beyond a traditional 911 call
- Became first fire department to become a licensed behavioral health agency
- **Co-respond** or **self-dispatch** with first responders
- Provide buprenorphine inductions, outpatient referrals, and case management





Crisis Response Team



Mobile Crisis Team (MCT)



Street Medicine Team



COUNCIL OF EXPERT ADVISORS ON DRUG USE (CEADU)

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TRANSFORMING OUR COMMUNITIES

Health, Equity, and Justice for People Who Use Drugs







Boundary REDUN (Rural Empowered Drug Users Network)



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From One Ally to Another

University of Victoria Research of BC







International Journal of Drug Policy Volume 85, November 2020, 102922

Research Paper

'Peer' work as precarious: A qualitative study of work conditions and experiences of people who use drugs engaged in harm reduction work

A. Greer * 🔍 🖾 , V. Bungay ^b, B. Pauly ^c, J. Buxton ^d

Journal of MENTAL HEALTH and ADDICTION NURSING



DOI: 10.22374/jmhan.v3i1.33

SOWING A SEED OF SAFETY: PROVIDING CULTURALLY SAFE CARE IN ACUTE CARE SETTINGS FOR PEOPLE WHO USE DRUGS

Jane McCall, PhD, MSN, RN¹ and Bernie Pauly, RN, PhD² ¹Nurse Educator ²Associate Professor in the Faculty of Nursing at the University of Victoria CREATING CULTURALLY SAFE CARE in Hospital Settings for People who use(d) Illicit Drugs

ADDICTION

SSA SOCIETY FOR THE

Research Report

Advancing patient-centered care for structurally vulnerable drug-using populations: a qualitative study of the perspectives of people who use drugs regarding the potential integration of harm reduction interventions into hospitals











Academic Researchers

Public Defender Association

Malika Lamont and Adam Palayew



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Facilitator



Community Organizations



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CO-DESIGN METHODS

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University of Washington "Stigma Study" and "Services Study"

Community-Based Researcher Role Description

Description

Who are we recruiting? 3-5 people who use or have used drugs and who have had contact with first responders (EMS, police, firefighters) because of their drug use. These people will help plan and carry out a research study with us as co-researchers.

What type of work are we doing? There are two research studies to work on (details below). We will try to match people with their preferred study.

What will be required in this role?

- Join bi-weekly team meetings (in person in Seattle or via phone/video conference)
- Create questionnaires and interview guides
- Help with team-based analysis
- Help figure out what research findings mean

What training will be provided? No prior experience with research is required. Training on research procedures and methods will be part of the experience. Team members with lived experience will help train the team on how to engage ethically and sensitively with people who use drugs. Team members with formal research training will train the team on research methods

- Received intramural pilot funds
- Hired 5 co-researchers with lived experience for 5 hours/week
 - Involved in every step of the process
 - Paid \$25/hour plus \$50/week for food and technology support

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Discover, Design/Build, and Test (DDBT) Framework



Understand *how things are* to imagine *how things might be*.

Frog Design's definition of Design Research







Design workshops







High-fidelity prototypes

RECENT LEGISLATION





State v. Blake

SB 5476: Addressing the State v. Blake decision

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CERTIFICATION OF ENROLLMENT

ENGROSSED SENATE BILL 5476

Chapter 311, Laws of 2021

(partial veto)

67th Legislature 2021 Regular Session

DRUG POSSESSION-STATE V. BLAKE DECISION

Drug possession is now a misdemeanor

Law enforcement encouraged to **divert to treatment and services** in lieu of booking



 Designated crisis responder or triage facility for involuntary hold
Crisis stabilization unit
Mobile crisis response services
Voluntary outpatient treatment

5. Safe Station model with fire departments

6. Recovery navigator program

Located in every region of the state

Modeled on the law enforcement assisted diversion (LEAD) program

Associated with newly funded homeless outreach stabilization transition

programs

CERTIFICATION OF ENROLLMENT

ENGROSSED SENATE BILL 5476

Chapter 311, Laws of 2021

(partial veto)

67th Legislature 2021 Regular Session

DRUG POSSESSION-STATE V. BLAKE DECISION





Training on law enforcement interaction with persons with substance use disorders will be incorporated into basic training

Developed with the Behavioral Health Institute at Harborview

Health Care Authority position to support ED-initiated buprenorphine programs

CERTIFICATION OF ENROLLMENT

ENGROSSED SENATE BILL 5476

Chapter 311, Laws of 2021

(partial veto)

67th Legislature 2021 Regular Session

DRUG POSSESSION-STATE V. BLAKE DECISION

As of July 25, 2021, it is NOW LEGAL to be in possession of drug paraphernalia used to: (1) Test or analyze (e.g., fentanyl test strips)

> (2) Inject, ingest, inhale, or otherwise introduce into the human body (e.g., safer use kits)

Sec. 14. RCW 69.50.412 and 2019 c 64 s 22 are each amended to read as follows:

(1) It is unlawful for any person to use drug paraphernalia to plant, propagate, cultivate, grow, harvest, manufacture, compound, convert, produce, process, or prepare((test, analyze, pack, repack, store, contain, conceal, inject, ingest, inhale, or otherwise introduce into the human body) a controlled substance other than marijuana. Any person who violates this subsection is guilty of a misdemeanor.

(2) It is unlawful for any person to deliver, possess with intent to deliver, or manufacture with intent to deliver drug paraphernalia, knowing, or under circumstances where one reasonably should know, that it will be used to plant, propagate, cultivate, grow, harvest, manufacture, compound, convert, produce, process, <u>or</u> prepare(, <u>test</u>, <u>analyze</u> <u>pack</u>, <u>repack</u>, <u>store</u>, <u>contain</u>, <u>conceal</u>, <u>inject</u>, <u>ingest</u> <u>inhale</u>, <u>or otherwise introduce into the human body</u>) a controlled substance other than marijuana. Any person who violates this subsection is guilty of a misdemeanor.

RESEARCH LAUNCH



State v. Blake

(1) Piloting a contact and training intervention for first responders to reduce overdose stigma



FIRE

- (1) Training on law enforcement interaction with PWUD(2) Diversion in lieu of jail booking
 - for drug possession



SB 5476: Addressing the State v. Blake decision

(2) Adapting evidencebased interventions from clinical medicine to the first responder system

Piloting a contact and training intervention for first responders to reduce overdose stigma

INTERNATIONAL
IN
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CRISIS INTERVENTION
75/5/NITERINENTION
WIERVEY'

Behavioral health → Opioid overdose

Recovery navigator program referral	Etiology of SUDs	Barriers to treatment engagement
Indicators of SUD	Conflict resolution and de-escalation	Language usage
Alternatives to lethal force	Principles of recovery	Community and state resources



Behavioral Health Institute (BHI) at Harborview Medical Center

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Piloting a contact and training intervention for first responders to reduce overdose stigma



Behavioral health → Opioid overdose

(1) Discover the needs of first responders and their Interviews perceptions of people who use drugs (2) Adapt to include **Community pop-ups and** content on opioids design workshops delivered by people who use drugs (3) Test the adapted intervention on first responders' perceptions of people who use drugs

Adapting evidence-based interventions from clinical medicine to the first responder system



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Adapting evidence-based interventions from clinical medicine to the first responder system



IALOXON





THANK YOU!



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cfockele@uw.edu



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We greatly appreciate your feedback!

Every survey we receive helps us improve and continue offering our programs.

It only takes **1 minute** to complete!



